



# Award Recipients Profile

## 2012-2013

Any views or opinions presented in the following profiles are solely those of the author and do not necessarily represent those of the Department of Electrical and Computer Engineering.



### **Androu Abdalmalak**

4th Year - Biomedical Engineering

**Department of Electrical & Computer Engineering  
Academic Excellence Award**

I am in my final year of Biomedical Engineering at Ryerson University. I first came to Canada when I was 17 years old and have learned a lot throughout my time at Ryerson. I am thankful and honored to be receiving the Department of Electrical and Computer Engineering Academic Excellence Award. I have worked very hard to maintain a standard of academic success and I owe a great deal of thanks to many people. I appreciate all of my professors, and all of the time and effort they have put into guiding me through this whirlwind of an experience. I would also like to thank my family and friends for their support. All in all, my time at Ryerson has been very rewarding. I am very privileged to be a part of the community environment, and amazing research opportunities Ryerson has cultivated over the years. I am thankful that Ryerson has been my home for the last few years and has enabled me to grow both personally and professionally.



### **Ashkan Bargiz-Farshi**

3rd year - Biomedical Engineering

**Department of Electrical & Computer Engineering  
Academic Excellence Award**

Ashkan started his bachelor studies in Biomedical Engineering at Ryerson university in 2011. He has been recognized as Ryerson Student Scholars and a member of Dean's list for two years. In 2012, he volunteered for a research project in the area of high intensity focused ultrasound (HIFU). In 2013, under the supervision of Dr. Tavakkoli, Ashkan was awarded an NSERC-USRA award to continue with his HIFU research in the field of Image-guided HIFU for neurosurgery.



## **Sami Dalati**

3rd Year - Electrical Engineering

•**Jack Roy Longstaffe Memorial Scholarship**

•**Dimitri Klimow Memorial Scholarship**

•**Department of Electrical & Computer Engineering  
Academic Excellence Award**

Sami Dalati is a third year student of Electrical Engineering at Ryerson University. Sami currently works as a Software Developer in the gesture recognition area. In addition, he is the co-president of the Hobby Electronics Club at Ryerson University. Since he joined Ryerson, he worked for several startups at the Digital Media Zone where he is currently employed. Born in 1986, Sami studied Computer Science until he moved to Canada in 2005, since then he has completed a college diploma and has worked for few years. Sami is very passionate about education, thus he wishes to take an academic career path. Therefore he decided to attend Ryerson University to acquire a BEng that would serve as a corner stone for his career. In 2012, he won the Ryerson Engineering Competition in the Debate category. His team is also the winner of the Senior Design and programming categories for 2013. His hobbies include software, electronics, Lego, and rowing.



## Sahar Feroz

Biomedical Engineering

**IEEE Toronto Section Scholarship for Academic Excellence**

Graduated – 2013

I recently graduated from Biomedical Engineering with honours. After completing my third year, I had the opportunity to work as an intern for 16 months at Sanofi Pasteur in the Bioprocess Research & Development: Formulation and Stability platform. As a Biomedical Engineering student, I gained a lot of technical and hands-on experience. I developed a thorough understanding of the process development as I designed and executed experiments to optimize various processes. I also helped in implementing new technologies for these processes.

During my 4th year at Ryerson University, I designed a Haptic Surgical Training System and was awarded 2013 Best Capstone Design Project. I was also honoured to be a recipient of Dean's List and Ryerson Student Scholars throughout the four years at Ryerson University. I had an executive position as a VP of membership at the BMES Ryerson Student Chapter. Overall, I had a great experience at Ryerson University and I am grateful for all that the University has done for me.

I am truly honoured to receive the IEEE Toronto Section Scholarship for Academic Excellence. This award provides additional motivation, enthusiasm and determination to achieve my professional goals as an Engineer.



## **Gen Wu Jin**

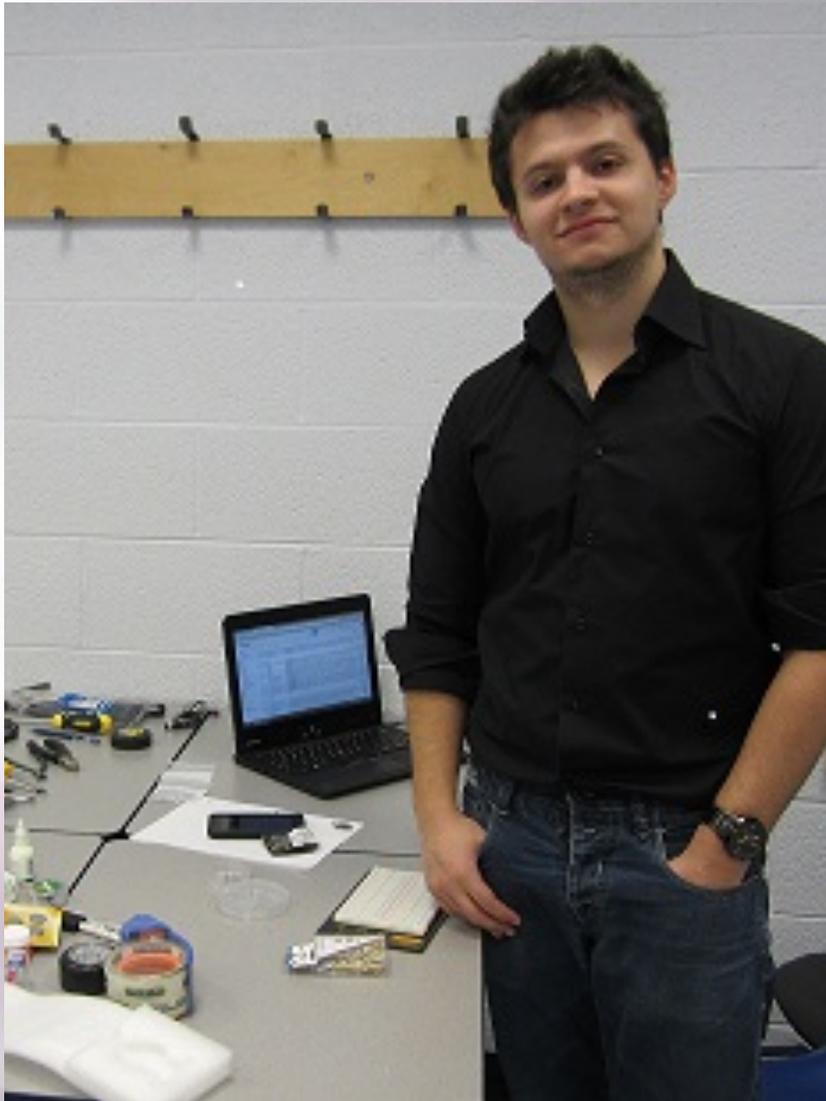
2nd Year - Electrical Engineering

### **Jack Roy Longstaffe Memorial Scholarship**

Gen Wu Jin has graduated from the Electro-Mechanical Engineering Technician program George Brown College. As a hard-working student, he made the Dean's Honors Roll in spring 2007 with a GPA of 3.54 and received the 2008 Tech in the City Cabinet Award for superior academic performance and leadership qualities.

After graduation, he worked as a field technician at a fire alarm company. While working for four years in the fire alarm industry, he became a Canadian Fire Alarm Associating certified technician.

Now, in order to acquire further technical and theoretical knowledge in the field he is studying Electrical Engineering in Ryerson University. He is now working hard to achieve academic excellence and looking forward to step into the professional world of Electrical Engineering after graduation.



## Gentian Licenji

3rd Year - Computer Engineering

**Department of Electrical & Computer Engineering  
Academic Excellence Award**

My name is Gentian Licenji and before starting my undergraduate career in Electrical and Computer Engineering at Ryerson, I previously studied in the Polytechnic University of Tirana, Albania.

I have worked very hard to achieve and maintain a position on the Dean's Honor list with a GPA of 4.0. I have been awarded two scholarships for excellence "Aditya Jha Diversity Award" and "Jack Roy Langstaffe Memorial Scholarship" during my 1st year of Engineering. In addition, I was a part of the RESS frosh team, which made me realize my passion in leading and mentoring people towards their goal.

I have worked for over two years as a research assistant with many different projects, which proved to be a great learning experience. However, recently I have started working on my own start-up project called iRA (an OCR mobile application that will aid the blind/visually impaired in reading everyday printed documents). My ultimate goal is to contribute in the community by building a successful company that will shape the visual technology of the future.



## Heqiang (Alex) Lin

3rd Year - Electrical Engineering

·Gordon and Agnes (Twambley) Brash Award

·IEEE Toronto Section Scholarship

·Department of Electrical & Computer Engineering  
Academic Excellence Award

·Stalin Boctor Circuits Award for Academic  
Excellence

I immigrated to Canada in 2001, with a Bachelor's degree in Engineering in Precision Instrument from China. I worked as CNC machine setup operator in Magna Powertrain for 5 years. In 2007, I joined Terex as a production engineer, to design and implement an assembly line for crawler excavators, in Beijing, China. In 2009, I joined Bosch Rexroth as a production engineer to implement a new assembly line for wind turbine gearboxes. I started my full time academic study in Electrical Engineering program in Ryerson University, In Fall 2011. I completed the first 2 years' courses with CGPA of 4.27.

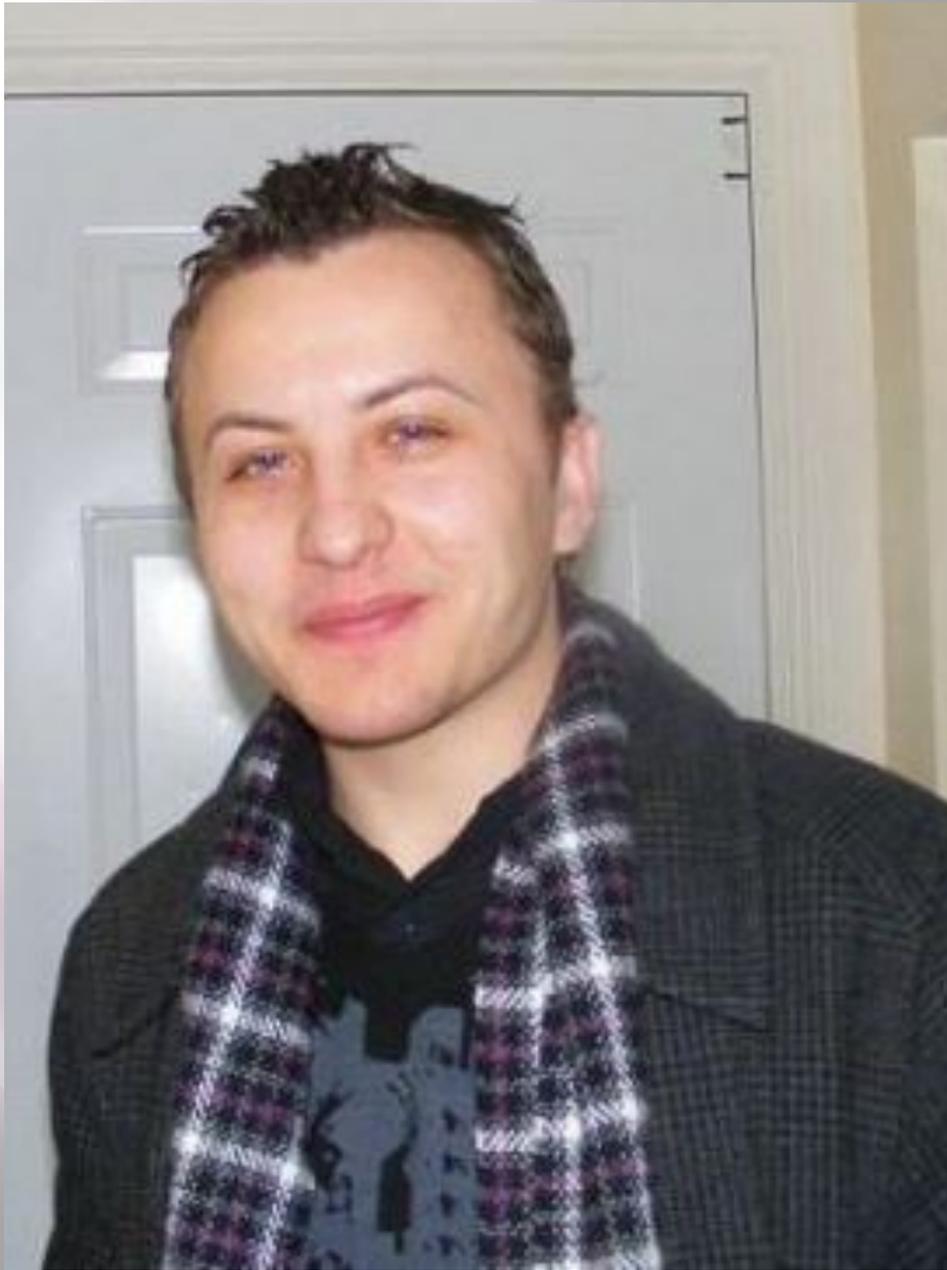


### **Michelle Luk**

4th Year - Biomedical Engineering

**Department of Electrical & Computer Engineering  
Academic Excellence Award**

Michelle Luk is a 4th year Biomedical Engineering student at Ryerson University graduating in April 2014. Since her first year, she has been avidly participating in various student groups, including the Tri-mentoring club, Ryerson Chinese Christian Fellowship and the student chapter of Biomedical Engineering Society (BMES). This year, she is serving as the BMES Vice President of Finance. Michelle is honoured to receive the Academic Excellence Award for 2012/2013 Academic Year, and wants to take the opportunity to thank all of her friends and family who have supported her during her time at Ryerson University!



## **Dmitry Ogorodnikov**

Electrical Engineering

**David Platnick Memorial Award**

Graduated 2013

Thank you all for everything. I believe that hard work, patience and dedication pay-off eventually. I really mean it. I never tried to be an average student because when you try getting an 'A++' you just end up with an 'A'. Why not trying your best all the time? It is very important to have your luck as well. I was lucky to get into two internships with IBM in Vancouver and Safran Electronics in Peterborough, and then land in my dream job in the United States. Although I am no longer a student, I will never forget my university years. There I have learned my lessons the hard way, believe me.



### **Sina Panahandeh**

3rd Year - Electrical Engineering

**Department of Electrical & Computer Engineering**  
**Academic Excellence Award**

In 2011, Sina started his bachelor in Electrical Engineering at Ryerson University and has been a member of student scholar and dean's list for two consecutive years. Having started his bachelor at Ryerson University, Sina has dedicated his time to research in multimedia and evolutionary computing. He is recognized for his work on RGB-D cameras at CIM2 Lab. In 2013, he won the NSERC university research award for his research on smart traffic light systems.



## **Hooman Samani**

Electrical Engineering

**Ed Towgood Award for Excellence in Thesis Project Performance**

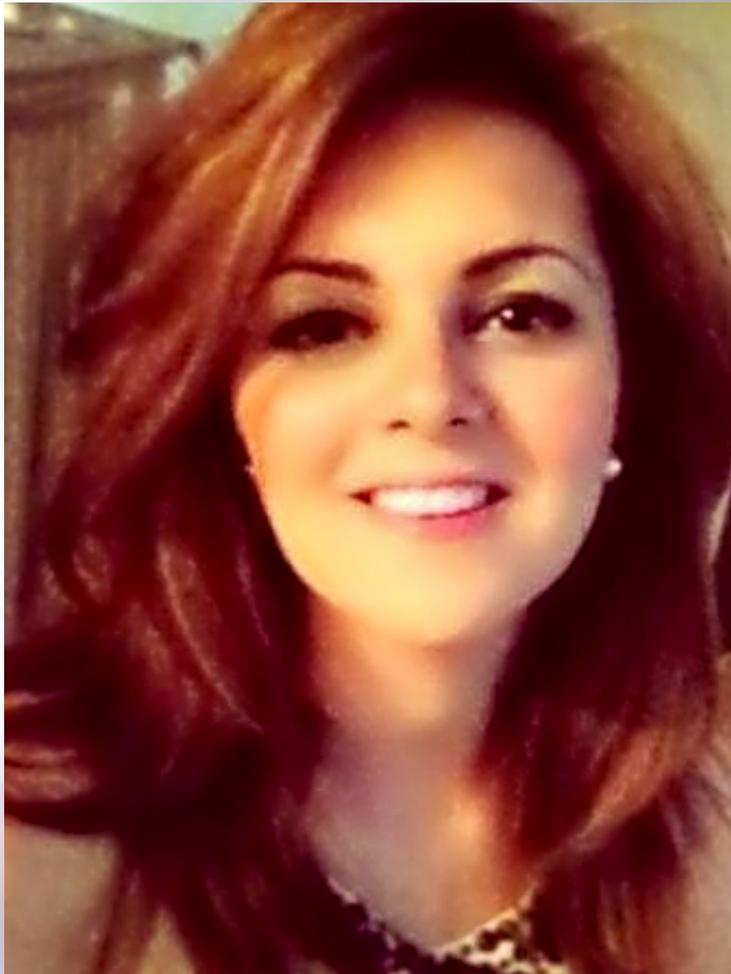
Graduated 2013

Received his B.Eng. degree in Electrical Engineering from Ryerson University in 2013. During this period I was involved with the “Robots Collaboration for a Single Mission.”

In 2008 I received a two year certificate in Automotive and Robotics from Centennial College.

Before starting my degree program I worked as an aircraft technician at an aviation company where I received a two year aircraft overhaul technician certificate.

Currently a MASc student – Research project is about “Synchronous Integrated Micro Inverters Photo Voltaic system including a Battery/Super capacitor backup system with an intelligent power management system for smart homes.”



### **Marim Soliman**

4th year - Biomedical Engineering

**Department of Electrical & Computer Engineering  
Academic Excellence Award**

Marim Soliman joined the Ryerson University faculty of Engineering – Biomedical Engineering in 2009. She is currently a fourth year student. Since her commencement of university studies, she has proven herself to always be on the top list of the academic successful students, as she was selected as a Ryerson student Scholar for 4 years and also she has made it for the Dean's list every year.

Marim is a very academic oriented student. She has unique analytical skills that have made her excel at every project and course she has taken. In addition, she has been enjoying the Biomedical Engineering program at Ryerson; which combines the design and problem solving skills of engineering with medical and biological sciences to advance healthcare treatment.

Marim has enjoyed building mentor to student relationships with many of her professors who have always assisted her whenever needed. Her professional career outside of academia includes joining many professors to work on their research projects, Mentor and tutor of students, as well as a current intern at the Sunny Brook Hospital.

Marim dreams of continuing on in the field of biomedical engineering and joining a renowned Medical Research Company after she graduates. In order to implement all her education and knowledge to the real world experience and hopefully contribute to this world with her unique set of skills and knowledge.



## **Michael Taracha**

3rd year - Electrical Engineering

• **Rockwell Automation Award**

• **Department of Electrical & Computer Engineering  
Academic Excellence Award**

Michael Taracha was born in Ottawa, ON in 1985. After completing his Bachelor of science in Physics at the University of Ottawa in 2007, Michael worked at TRIUMF, Canada's national lab for particle and nuclear physics in Vancouver, BC. He later worked for Coanda Research and Development Corp, a fluid dynamics engineering research firm based in Burnaby, BC. After relocating to Toronto in 2011, Michael decided to pursue a degree in electrical engineering and hopes to work in telecommunications.



## **James White**

4th Year - Electrical Engineering

**Canadian Electronics Representative Association  
(CERA) Award**

James White is in his fourth year of studying electrical engineering. He is very excited to have the chance to attend Ryerson University and for the past four years have enjoyed every moment. His main focus is on Ryerson energy systems option. James is very thankful for all the opportunities that is presented to him and is very grateful. He is receiving the Canadian Electronics Representative Association (CERA) Award for his interest in pursuing technical sales.



### **Scholarships and Awards Committee**

Dr. Muhammad Jaseemuddin, Chair, Awards Committee  
Dr. John Chen, Faculty Member  
Dr. Vadim Geurkov, Faculty Member  
Dr. Karthi Umapathy, Faculty Member  
Yvonne Cordwell, Program Assistant

Awards and Scholarships are decided on the basis of grade point scores, or where applicable, a combination of grade point scores and unique criteria pertaining to the particular award.

Except for graduating students, only those students with a current full-time registration in the program offered by the Department of Electrical and Computer Engineering are eligible for the awards.