Richard Dang

1B Computer Engineering | r22dang@uwaterloo.ca | (647) 717-0339 | 25 Ridge Road Toronto, ON M3M 1C6
LinkedIn: linkedin.com/in/dangrichard | **Website:** richarddang.me | **GitHub:** github.com/Richard-Dang

Summary of Qualifications

- Experience in Java, C++, HTML, CSS, Python and Google Sketchup
- Familiarized with Arduino, C, JavaScript, Batch scripts, Android Studio and Git
- Strong analytical and problem solving skills developed from hardware and software projects
- Solid background knowledge of computers and mobile device components
- Effective oral and written communication, excellent organization and time management skills

Projects

Intelligent Car, High School Computer Engineering Project   **(Feb. 2015- Jun. 2015)**
- Designed and created a self-navigating vehicle in team of three with the ability to traverse a maze using Arduino and electrical components (i.e. H-Bridge, light dependent resistors and motors/gears)

Tetristry, High School Computer Science Project   **(Jan. 2014- Jun. 2014)**
- Planned and co-programmed a chemistry education game in Java through implementation of OOP concepts
- Gained fundamental understanding of system structures in software design while working with class UMLs
- Developed essential time management and teamwork skills through weekly reports and plans on progression of game development

Work Experience

Software Tester & Tools Developer, GEO Semiconductor Inc.   **(Jan. 2016 – Apr. 2016)**
- Responsible for testing firmware on engineering board and host software
- Created regression test plans
- Supported build system
- Developed and maintained tools for testing/development
- PLACEHOLDER
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Technology Website Editor, IGXPro.com   **(Dec. 2011 – Aug. 2012)**
- Conducted in-depth research on specifications of the latest electronic devices in order to review and publish technology articles - Profile: igxpro.com/author/dangitsrichard

Activities & Interests

Android Software
- Passionate to learn about new consumer technology and self-taught knowledge about rooting and modifying software on Android smartphones and tablets

Road Bicycling & Weightlifting
- Constantly improving average speed and total distance travelled; exceeding 100km trips through consistent practice with other cyclists

Volunteer Experience

Driftwood Community Center   (2013 – 2015)
- Mentored younger students in Math and Science; planned annual picnic trips and events

Certifications

FIT Software Design and Development & Business and Information Analysis   (2015)
Cisco IT Essentials Certified   (2015)
WHMIS & Occupational Illness Certified   (2014)

Education

U. of Waterloo, Waterloo ON   (2015-Present)
- Candidate for Bachelor of Applied Science Degree in Computer Engineering (Co-op)

W. L. Mackenzie, Toronto, ON   (2011 – 2015)
- Completed high school with a 94% average and received an Ontario Secondary School Diploma