

Lucas Marcelli

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EDUCATION

Queen's University, School of Computing – Kingston, ON
BSc. Computing (Honours)

Graduated June 2015

PROFESSIONAL EXPERIENCE

Queen's University – Kingston, ON

May 2015 – January 2016

Research Assistant

Worked with the connective tissues lab to determine automatic means of diagnostics for orthopedics and ophthalmology. Worked with 3d-printers to determine best bone structure pre- and post- surgery.

Code for Kids – Kingston/Toronto/Ottawa, ON

September 2013 – September 2015

Managing Director and Co-Founder

Design, upkeep and manage front- and back-end systems including website and sales system. Management of finances, volunteers, business and programs. Code For Kids was a not-for-profit that brought programming lessons to kids in Ottawa, Montreal, Toronto and Kingston.

OpenDNS – San Francisco, CA

May 2012 – August 2012

Intern

Full-time summer internship position. Learned the basics of front and backend programming as well as what is required to do team based software development. Also handled customer support and domain tagging.

Computer Repair – Kingston, ON

May 2010 – Present

Self-employed

Varied hours. I build computers and fix technical problems on a word-of-mouth basis.

Tutoring – Kingston, ON

May 2010 – Present

Self-employed.

Varied hours. I have tutored in math, physics and various computer science courses in all levels.

VOLUNTEER AND EXTRA-CURRICULAR EXPERIENCE

Queen's School of Computing – Kingston, ON

September 2012 – September 2013

Orientation Chair

- Head of Committee and responsible for hiring all members and leaders
- Planned and executed the 2013 Computing Orientation Week for 150 students with a budget of \$15000

Queen's School of Computing – Kingston, ON

May 2012 – Sept 2012

Orientation Leader

- Introduced new students to school
- Eased transition into University from high school for incoming students

SKILLS

Experience as a full stack developer through managing and creating Code For Kids

Comfortable in back- and front-end development

Experience working with relational databases

Experience as a web developer

Proficient in: Java, C#, C++, Python, Android, SQLite, Javascript, liquid, git

Comfortable in: CSS, OpenGL, MySQL, other SQL dbms, Bootstrap, jQuery, sass/scss

Learning: Swift, iOS, Django, Rails

I am always happy to learn something new, especially frameworks and languages

Experience managing a team in both development and general contexts

Able to deal with clients directly and professionally

INTERESTS

Reading, programming, video games, writing, astronomy, travelling, cooking, adult colouring books

References available upon request.