ANTHONY NGUYEN

anthony.nguyen@queensu.ca | ca.linkedin.com/in/anthonynguyen94 | anthnguyen.ca | github.com/anthonyn60

EDUCATION

Bachelor of Science in Engineering (Computer Engineering), Queen's University, Kingston, ON   **2016**
Bachelor of Arts (Economics), Queen's University, Kingston, ON
- Teaching Assistant: ELEC 278, *Fundamentals of Information Structures & Software Engineering*
- Tutor: APSC 142, *Introduction to Computer Programming*
- Finalist for the Christopher Knapper Teaching Award for Excellence in Teaching Assistance, Queen's highest TA award
- Executive team member on the Queen's Space Engineering Team, Queen's Engineering Class of 2016, Commerce and Engineering Environmental Conference

PROFESSIONAL EXPERIENCE

Technical Systems Analyst (Co-op), RBC Royal Bank   **Summer 2015**
- In a team of 3, delivered a proof-of-concept for a P2P payments (e-transfer and 3PP) app on native Android in 6 weeks
- Incorporated encrypted NFC (NDEF messages) and QR Codes (using the ZXing library) for P2P device communication
- Successfully communicated with RBC back-end servers using internal API's, completing IEMT and 3PP transactions
- Developed an internal web application for portfolio management using Java EE, JSF deployed on WebSphere servers
- Wrote UX developer documentation for the new retail banking mobile application on native iOS

Intern, AG-NAV Inc.   **Summer 2009-2014**
- Developed a new user interface prototype for a new tablet-like product using Photoshop and Qt C++
- Redesigned the company website, increasing user engagement (bounce rate down 35%, pages per session up 100%) and sales by 25% the following year
- Wrote user documentation for high complex GPS navigation systems and accessories
- Assisted clients with technical problems over phone and e-mail, collected feedback on products

Owner and Co-Founder (Head of Operations), PromoBands   **November 2011-Present**
- Work with closely with a variety of clients (Fortune 500, charities, schools) as a design consultant to translate their requirements and ideas into a design proof

SKILLS

Proficient: Java EE, Android, C, C++, Ruby on Rails, HTML, CSS, Git, SVN, Photoshop
Familiar: Javascript, Python, Swift, SQL, Illustrator, JSF, UNIX, C#

PROJECTS

SyntaxCenter   **August 2014 - Present**
- In a team of 2, developed a Wolfram-style programming reference focused on syntax using Ruby on Rails
- Implemented full-text search using the Solr search engine running on a Linux VPS
- Building a REST API which will be used for mobile applications and IDE extensions, and exposed for third party development
- Languages covered: Java, C, C++, C#, Ruby, Python, JavaScript, Swift

RBCareers   **August 2015**
- Competed in an internal RBC prototyping challenge for co-op students within Technology & Operations
- Developed user interface mock-ups and a prototype for an internal social careers website for RBC using HTML and CSS

EXTRACURRICULAR EXPERIENCE

Co-Founder and Co-Chair, QCBT Conference 2015   **March 2014-March 2015**
- Founded the Queen's Conference on Business & Technology, the largest multidisciplinary conference on campus
- Lead an executive team of 18 to help plan and execute the vision for the conference
- The conference was attended by a total of 130 delegates spanning 10 schools and over 30 representatives from industry
- Managed the speakers and sponsorship portfolios, bringing $35k+ in sponsorship and 8 speakers