

# ANTHONY NGUYEN

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## EDUCATION

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**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*
- Finalist for the Christopher Knapper Teaching Award for Excellence in Teaching Assistance
- Executive team member on the Queen's Space Engineering Team, Queen's Engineering Class of 2016, Commerce and Engineering Environmental Conference

## PROFESSIONAL EXPERIENCE

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**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 managers using Java EE and WebSphere servers
- Writing UX developer documentation for the new retail banking mobile application on native iOS

**Intern, AG-NAV Inc.**

**Summer 2009-2014**

- Assisted clients with technical problems over phone and e-mail, maintaining the company's customer support reputation
- Developed a new user interface prototype for a new tablet-like product using Qt C++. To develop the UI, leveraged feedback and usability issues from providing technical support, as well as researched modern tablet design trends.
- Wrote user documentation for high complex GPS navigation systems and accessories

**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. Excellent customer experience recognized by glowing testimonials and frequent repeat sales.

## TECHNICAL COMPETENCIES

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**Languages:** Java, C/C++, Swift, Ruby, Python, HTML/CSS, JavaScript, SQL

**Frameworks and Technologies:** Android, Ruby on Rails, JSF, MVC pattern

**Tools:** Photoshop, Illustrator, Git, SVN, Heroku, Cloud Services (AWS, DigitalOcean)

## PROJECTS

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**SyntaxCenter.com (Ruby on Rails)**

**August 2014 - Present**

- In a team of 2, developed a Wolfram-style syntax lookup site for programmers that know multiple languages
- Added full-text search using the Solr search engine running on a Linux VPS
- Implementing a REST API which will be used for mobile applications
- 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

## EXTRACURRICULAR EXPERIENCE

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**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 and over 30 representatives from industry
- Managed the speakers and sponsorship portfolios, bringing \$35k+ in sponsorship and 8 speakers