Andrew Hoang

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Education:

Boston University College of Engineering, Boston, MA:

Bachelor of Science in Computer Engineering   September 2014 - (May 2018)
- GPA: 3.77   Dean's List: All Semesters

Technical:
- **Primary:** C++, Java, SQL databases
- **Familiar:** Javascript, NodeJS, HTML/CSS, PHP, Android, Python
- **Miscellanea:** Git, SVN, Perforce, Jira/Agile, Linux, Cassandra, RabbitMQ, Spring Framework, Gradle

Projects:
- UNITConverter: Coded most of an Android application that converts between various units and uses an API to display facts about cats. (Yes, cats. That's correct.)
- Fireside with Watson: Built a web application that allows users to ask IBM's Watson computer healthcare questions in a live chat. Best use of IBM Bluemix API at Johns Hopkins Hackathon 2015
- Reservoir: Built an app for Pebble smartwatch that tracks water consumption and reminds users to hydrate. 600+ downloads, 450+ active users on the Pebble App store.

Experience:

Software Engineering Intern, Core Financial Applications/Regulatory and Liquidity Products

Bloomberg LP, New York, NY. May 2016 – August 2016
- Developed applications that provide insight on financial regulations for the Bloomberg Professional Service (Terminal). Worked with C++ and an in-house Javascript framework.
- Added comprehensive note-taking and data transparency features to an application that sorts securities into different asset classes.
- Improved a classification function by changing the underlying data structure from an array to a max-heap, eliminating an unnecessary sort and improving runtime from $O(nlogn)$ to $O(n)$.
- Built beginning of data pipeline that archives trace data for 10 million+ daily security classifications.

Software Engineering Intern, Norton Cloud Services

Symantec Corporation, Boston, MA. January 2016 – May 2016
- Developed high-availability APIs (in Java) to support Symantec's Norton online backup product.
- Added logging and testing functions to a Cassandra/RabbitMQ based messaging system.
- Refactored DevOps tools such as Jenkins CI, Vagrant and moved deprecated build scripts to Gradle.

Software Development Intern,

Massachusetts Technology Corporation (MTC), Boston, MA. May 2015 – August 2015
- Implemented a surveys feature (similar to Google forms) using PHP, SQL, Javascript and HTML/CSS.
- Integrated external APIs to automate email and statistics.

Extracurricular:

Director, BostonHacks – Boston University's Student Hackathon. May 2015 – Present
- Responsible for all aspects of international hackathon, including: marketing, logistics, fundraising.
- Managed a $90,000 budget and coordinate logistics for 400+ students and 70+ corporate reps.
- Personally raised over $60,000 in sponsorship for the fall 2015 event.

Student-Athlete – Boston University Men's Soccer. August 2014 – Present
- Goalkeeper for the Boston University Terriers Men's soccer program (NCAA Division 1)
- One of 7 men's soccer athletes in Patriot League to earn a 4.0 GPA in fall 2014