

# Andrew Hoang

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## Education:

### **Boston University College of Engineering, Boston, MA:**

Bachelor of Science in Computer Engineering

September 2014 - May 2018

- Graduated Cum Laude. GPA: 3.49/4.0
- Honors: Harold C. Case Scholarship, Scarlet Key Society, IEEE HKN

## Technical:

- **Professional Experience:** Javascript/NodeJS, Java, C++, Ruby on Rails, SQL
- **Miscellanea:** Git, Jira/Agile, CI Systems, Linux, RabbitMQ, Redis, MongoDB

## Professional Experience:

### **[Facebook Inc](#), Seattle, WA. July 2018 – The Future™**

Production Engineer

- Decided to explore site reliability engineering (SRE). Joining Facebook post-graduation.

### **[Coinbase Inc](#), San Francisco, CA. May 2017 – May 2018**

Software Engineer Intern, GDAX -> Coinbase Pro/Prime

- Developed services and applications for [Coinbase Pro](#) (formerly GDAX) and [Coinbase Prime](#), together forming Coinbase's individual and professional cryptocurrency exchange platform.
- Worked on entire stack including websocket feed, API, administrator tools and database.
- Helped team scale API capacity >4x to >200k requests/minute and increase monthly revenue > 5x.
- Led complete refactor of institutional onboarding by building separate microservice and managing critical transition to new service without downtime.
- Led fraud and compliance engineering efforts to minimize fraud losses and help pass audits.

### **[Bloomberg LP](#), New York, NY. May 2016 – Aug 2016**

Software Engineer Intern, Core Financial Applications/Regulatory Products

- Developed applications in C++ and Javascript for the Bloomberg Professional Service (Terminal).
- Added note-taking features to an application that sorts securities into different asset classes.
- Built beginning of pipeline that archives data for 10 million+ daily security classifications.

### **[Symantec Corporation](#), Boston, MA. Jan 2016 – May 2016**

Software Engineer Intern, Norton Cloud Services

- 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.

## Academic:

### **[Project Lead - BU Biomedical Engineering, Khalil Lab](#). Boston, MA. Sept 2016 – May 2017**

- Built a platform that allows researchers to automate the control of cell cultures with python scripts.

### **[Teaching/Lab Assistant - BU Computer Engineering](#). Boston, MA. Jan 2017 – Dec 2018**

- Advise students in introductory and advanced algorithm courses (C++ and Java).

## Extracurricular:

### **Co-Founder/Fundraising Lead, [BostonHacks](#)** – BU's Student Hackathon. May 2015 – May 2018

- Co-founded BostonHacks, an annual [Major League Hacking](#) hackathon at BU.
- Manage \$90,000 budget and logistics for 400+ people. Personally raised over \$50,000 annually.

### **Student-Athlete** – Boston University Men's Soccer. Aug 2014 – Dec 2018

- Midfielder for the Boston University Terriers Men's soccer program (NCAA Division 1).
- Leading scorer for Coinbase's corporate soccer team, averaging 2.5 goals per game.