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 (3.5 if you're feeling generous)
- Honors: Harold C. Case Scholarship, Scarlet Key Society, IEEE HKN

Technical:
- **Professional Experience:** C++, Python, Javascript/NodeJS, Java, Ruby on Rails
- **Misc:** Git, Mercurial, Linux, Databases (SQL and NoSQL), Distributed Systems, Operating Systems, Agile

Professional Experience:

Facebook Inc, Seattle, WA + Remote.   July 2018 – Present

Production Engineer, Ads Measurement - About PE
- Currently the technical lead on Ads Measurement PE. Team supports backend infrastructure that powers Facebook's reporting products, including Ads Manager, FB Analytics, IG Insights and more.
- We "count stuff" with an aggregation platform that has strict latency, data freshness and consistency guarantees. We operate at huge scale (20 million+ QPS, trillions of events/day, 20+ PB of storage).
- Grew number of supported insights products from 4 -> 20 by building tools to automate onboarding/operations and implementing a new config-driven ingestion interface.
- Migrated critical reporting metrics from deprecated service to our platform with no downtime, reclaiming 2PB storage and massively decreasing operational load.
- Led incident (SEV) reviews and follow-ups to ensure service reliability.
- Owned capacity planning (compute + flash storage) for service and the greater ads organization.
- Worked closely with SWE, TPM and other PE partners to drive roadmap and vision for platform.
- Mentored and onboarded interns, university and mid-career engineers. Grew team from 3 to 7 ICs.

Coinbase Inc, San Francisco, CA + Remote.   (Contractor) September 2017 – May 2018

Software Engineer, GDAX -> Coinbase Pro/Prime   (Intern)   May 2017 – August 2017
- Worked on Coinbase Pro (formerly GDAX) and Coinbase Prime, Coinbase's flagship professional cryptocurrency exchange products. Scaled traffic, revenue, users, support during crypto hypergrowth.
- Worked across entire stack including API, WebSocket feed, administrator tools and database.
- Launched new institutional onboarding service, allowing hundreds of firms to trade on Coinbase.
- Implemented fraud tools that saved $150k+ by locking down suspicious/compromised accounts.

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 and sorting features to application that sorts securities into different asset classes.

Symantec Corporation, Boston, MA.   Jan 2016 – May 2016

Software Engineer Intern, Norton Cloud Services
- Developed APIs (in Java) to support Symantec's Norton online backup product.
- Refactored DevOps tools such as Jenkins CI, Vagrant and moved deprecated build scripts to Gradle.

Extracurricular/Academic:

Co-Founder + Fundraising Lead, BostonHacks – BU's Student Hackathon.   May 2015 – May 2018
- Co-founded BostonHacks, an annual Major League Hacking hackathon at BU.
- Managed $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.