James Wu

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Summary

I'm a software engineer and computer scientist interested in compilers, programming language design, distributed systems, machine learning, and scalable infrastructure design.

Experience

Backend / API Engineer, Stripe Inc — San Francisco, CA   Jan 2019 – Present

- Engineer on Cost Platform team working on core payments infrastructure

Software Engineer, Facebook Inc — Menlo Park, CA   June 2016 – Nov 2018

- Engineer on Hack Language team working on scalable server architecture and language design
- https://github.com/facebook/hhvm/tree/master/hphp/hack/src

Software Engineer Intern, Facebook Inc — Menlo Park, CA   Summer 2015

- Engineering intern on Ads Measurement team
- Developed machine learning data pipelines to improve and measure ad reachability

Software Engineer Intern, **Google Inc** — Pittsburgh, PA   Summer 2014

- Site-reliability engineering intern on Hardware Operations SRE
- Developed datacenter management and automation tools

Education

Carnegie Mellon University — Pittsburgh, PA   2013-2016

B.S. Computer Science, University Honors

3.96 GPA, 4.0 in-major GPA

Coursework: Distributed Systems, Compiler Design, Algorithms, Machine Learning

Harvard University — Cambridge, MA   2013

Computer science and mathematics courses under invitational high school program

Newton South High School — Newton, MA   2009-2013

Skills

Programming Proficient in Scala, Python, Ruby, C, Javascript, OCaml, Java, PHP/Hack, HTML, shell scripting, CSS, SQL, Standard ML; Working knowledge of Lisp, Erlang, Go, C++, Swift

Experience with major frameworks — Apache Spark, Scalding, React, Node.js, HHVM, MongoDB, Hadoop, Mercurial, Git, SVN, Google App Engine, Rails, Django, Wordpress, jQuery, Latex