

James Wu

617-953-9934 | james.jz.wu@gmail.com | <https://github.com/jamesjwu> | U.S. Citizen

Summary

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

Experience

Software Engineer, Facebook Inc — Menlo Park, CA Sep. 2020 - Present

- Senior engineer on Hack Language team working on programming languages and runtimes
- Code available at <https://github.com/facebook/hhvm/commits?author=jamesjwu>

Backend / API Engineer, Stripe Inc — San Francisco, CA Jan 2019 - July 2020

- Engineer on Cost Platform team working on core payments infrastructure
- Developed automated cost modeling and transaction level reporting platform for all Stripe card transactions, migrating \$xB/year in processing revenue

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

- Engineer on Hack Language team working on scalable server architecture and language design

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

- Engineering intern on Ads Measurement team

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

- Site-reliability engineering intern on Hardware Operations SRE

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 program

Skills

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

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