James Wu

Software Engineer

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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

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| **Software Engineer, Facebook Inc —** Menlo Park, CA | June 2016 – Present |
| * 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 pipielines to improve and measure ad reachability | |
| **Software Engineer Intern, Google Inc — Pittsburgh, PA** | Summer 2014 |
| * Site-reliability engineering intern on Hardware Operations SRE * Worked on datacenter management and automation tools | |
| **Lead Teaching Assistant, Carnegie Mellon University — Pittsburgh, PA** | Spring 2013 – Spring 2016 |
| * Taught students imperative programming using C * Managed course staff of 25 to teach over 350 students | |

# Education

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| **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 |
| **Newton South High School — Newton, MA** | 2009-2013 |

# Skills

**Programming** — Strong experience in Python, C, Javascript, OCaml, Java, PHP, HTML, bash scripting, CSS, SQL, Standard ML; Working knowledge of Lisp, Erlang, Go, C++, Swift, Ruby

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