Krystal Maughan

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Github: https://github.com/kammitama5
Blog: https://kammitama5.github.io/

EXPERIENCE

Google Summer of Code 2018 — *software developer intern*

April 2018 - August 2018

Worked on Open Source project, CodeWorld, under mentorship

Of Chris Smith (Google) and Gabriel Gonzalez (Awake Security) (remotely), with weekly check-ins and code review.

Refactored code, created debugging tools using Haskell, GHCJS, Cabal and Git. One of 17 students chosen by Haskell.org

Mozilla Increasing Rust's Reach 2018 — *software developer intern*

April 2018 - August 2018

Worked on Open Source project for command-line tooling for Rust, under mentorship of Aaron Power (remotely), with weekly check-ins and code review.

Made pull requests fixing bugs in Rust. One of 14 students chosen by Mozilla.

Internet Brands, Los Angeles — *software automation engineer intern*

May 2018 - PRESENT

Worked on Testing Automation, starting with TestRails, Jira and Confluence, and Selenium and Cucumber

Supervised by Chase Yasuda and Allen Lin.

EDUCATION

Glendale Community College, Los Angeles —Associate's in Science for Transfer degree (with intention of PhD transfer)

SEPTEMBER 2015- PRESENT

Computer Science Major, with courses in Programming Languages, C++, Data Structures, Algorithms, Discrete Structures

SKILLS

Python
Haskell
C++
Rust
Racket
Git

RECENT AWARDS

Helium Grant (July 2018)

PLMW (Programming Languages Mentorship Workshop) 2018 full Scholarship

Racket Summer School (2018 full Scholarship via National Science Foundation)

MENTORSHIP / VOLUNTEER

Udacity Mentor, Introduction to Programming (2017–PRESENT)

ACM POPL (Principles of Programming Languages 2018) – student volunteer

ACM PLDI (Programming Languages Design and Implementation 2018) – student volunteer

Ithaca College / Cornell University (one semester), Ithaca, New York — *Film, Photography, Visual Arts (BFA)*

SEPTEMBER 2004- MAY 2008

Graduated as top BFA For 2008 while working three jobs part-time.

AWARDS
- Helium Grant (1 of 11 chosen out of 700 applicants - July 2018)
- RustConf 2018 (Diversity Ticket)
- PLMW (PLDI) 2018 (Programming Languages Mentorship Workshop Scholarship) (Philadelphia, Pennsylvannia)
- Racket School (2018) (Fully Funded) (Salt Lake City, Utah)
- OPLSS partial grant/ scholarship for Summer School (Oregon Programming Languages School) 2018 (Eugene, Oregon) - declined
- Google Summer of Code 2018 Scholar (via Haskell.org)
- Women Who Code Google IO Reimbursement Stipend 2018
- EARLy career scholarship, R Data Science EARL conference 2018 (Seattle, Washington) - declined
- Udacity Bertelsmann Data Science Challenge Scholarship (2018/ 2019) - declined
- ngGirls Attendee: Angular workshop at Google HQ (2018)
- Clojure/Conj 2017 (Baltimore, Maryland)
- Clojure/Conj 2016 (Austin, Texas),
- Clojure West 2017 (Portland, Oregon),
- LambdaConf 2017 (Boulder, Colorado),
- LambdaConf 2018 (Boulder, Colorado),
- StrangeLoop 2017 (St. Louis, Missouri),
- AT and T Aspire to Tech 2017 winner,
- Google/Udacity 2017 Scholarship winner,
- Women in Leadership / Peggy Williams Scholarship 2008,
- Presidential Merit Scholarship(2004-2008),
- AccelerateU LinkedIn (LA) Recruiting Event Applicant/Attendee (2017),
- Chrome Dev Summit 2016/2017,
- Google I/O student Grant 2016/2017/2018,
- Google International Women's Day Summit (Los Angeles) 2018,
- SCNA (Software Craftmanship America Conference) - 2017 Grant recipient
- Women Who Code Cloud Guru Full-Year Scholarship (access to AWS and Cloud training and certification)

TALKS

Denotational Semantics — *Lightning talk for Learn Teach Code 3rd Anniversary (2018)*

A two-minute talk on Denotational semantics and Haskell