

Krystal Maughan

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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 writing features for Boolean Implied Predicates (Ed Page). One of 14 students chosen by Mozilla.

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

May 2018 - August 2018

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
LaTeX

RECENT AWARDS

Helium Grant (July 2018)

PLMW (Programming Languages Mentorship Workshop) 2018 full Scholarship (PLDI/ICFP)

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

MENTORSHIP / VOLUNTEER

ICFP (International Conference of Functional Programming 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 (ICFP) 2018 (Programming Languages Mentorship Workshop Scholarship) (St. Louis, Missouri)
- PLMW (PLDI) 2018 (Programming Languages Mentorship Workshop Scholarship) (Philadelphia, Pennsylvania)
- 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
- Google Next18 ticket (2018)
- 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)
- NCAS / NASA workshop participant - 2016 (built a robot on a team to perform tasks supervised by NASA engineers / mentors)

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

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

Udacity Mentor, Introduction to Programming (2017-PRESENT)

TALKS

Denotational Semantics — *Lightning talk for Learn Teach Code
3rd Anniversary (2018)*
A two-minute talk on Denotational semantics and Haskell