

CAITLIN POWELL

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EDUCATION

Mills College, Oakland, CA

Master of Arts, Interdisciplinary Computer Science, May 2017, GPA 3.97

- **Master's Thesis**: "Project Aletheia: A Web-Based Support Network for Survivors of Campus Sexual Assault"
(<http://search.proquest.com/openview/b6d5121f82b8f0408aca375fc6d00a46/>)

Scripps College, Claremont, CA

Bachelor of Arts, English with Honors, May 2014, *Summa Cum Laude* (GPA 3.95), Phi Beta Kappa (national academic honors society)

- **Senior Thesis**: "Man Pain in the Man Booker Prize: A Quantitative Approach to Contemporary Canon Formation"
(http://scholarship.claremont.edu/scripps_theses/425/)

TECHNOLOGIES

- *Languages*: Java, JavaScript, Python, Ruby, PHP, HTML, CSS/SCSS, Scheme, Haskell, Scala, Haml, Processing, SQL
- *Frameworks and Tools*: Rails, NodeJS, ExpressJS, AngularJS, KnockoutJS, HandlebarsJS, Socket.io, JUnit, JavaScript testing tools (Jasmine, PhantomJS, Protractor, Wraith), Bootstrap, Git, jQuery, LaTeX, Heroku, PostGres, MongoDB, Hadoop
- *Operating Systems*: Linux/Unix, Windows

EXPERIENCE

Graduate Assistant, **Mills College**, Oakland, CA

(August 2015 – May 2017)

- Worked as a course assistant for the fall 2015 Interdisciplinary Research Methods course, the spring 2016 Computer Networks course, and the spring 2017 Programming Languages course by collaborating with faculty to grade classwork and homework, hold office hours, and provide detailed feedback to students on their work.
- Worked with faculty and other students as a developer on a Ruby on Rails startup project.

Software Development Engineer Intern, **Gap Inc.**, San Francisco, CA

(June 2016 – December 2016)

- Implemented user stories in an Agile, test-driven development environment to improve and maintain Gap Inc.'s cross-platform, cross-breakpoint responsive webpage.
- Created and developed unit, integration, and end-to-end tests using various JavaScript testing frameworks (including Jasmine, PhantomJS, Protractor, and Wraith).
- Corrected user- and internally-reported webpage defects using multiple JavaScript frameworks (including NodeJS, HandlebarsJS, and KnockoutJS), HTML, and SCSS.
- Worked with a team of other interns to create an image optimizer tool for Gap Inc.'s Web Content Development team using PHP, HTML, Bootstrap, and CSS. The tool allows WCD developers to improve web page performance by batch optimizing a page's image content. It is in use globally across multiple Gap Inc. brands.

Software Developer, **Starfish Enterprise, LLC**, remote

(August 2015 – May 2016)

- Worked with multiple businesses simultaneously to customize Salesforce using Apex and Visualforce, which involved developing and deploying both front-end and back-end code on a tight schedule.
- Developed webpages for clients using HTML, CSS, Bootstrap, WordPress, and BlueHost.

Curriculum Developer and Instructor, **Digital Media Academy**, Stanford University, CA

(June 2015 – February 2016)

- Planned, created, and deployed online video-based programming courses for teens and pre-teens in Java and Python, which involved writing and filming lessons, creating and embedding coding challenges using an online IDE, and creating assessments.
- Taught weekly intensive courses in Introduction to Programming with Java, Java for App and Game Development, and Introduction to Game Design in Python to groups of 10 to 30 teens.
- Worked with DMA's new Made By Girls program by teaching Introduction to Java for Girls at Stanford and collaborating with other DMA staff to implement programs to empower girls in STEM.

Academic Mentor, **Moving Forward Education**, Palo Alto, CA

(August 2014 – June 2015)

- Managed a caseload of individual scholarship students at The Girls' Middle School by tutoring them in mathematics, humanities, and science, acting as a social and emotional mentor, and providing resources for high school applications and standardized test preparation.
- Coordinated with school teachers to customize each girl's academic support and to develop and implement supplementary curriculum.
- Designed and implemented weekly workshops to prepare students for high school academic writing and standardized testing.