EMMA ELIZABETH CATLIN

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SUMMER WORK EXPERIENCE

PINTEREST, San Francisco, CA   **2017**

Software Engineering Intern
Pinterest is a website and application full of possibilities to design your life. On the content development team, I developed code to increase relevance and recall of shopping ads:
- Improved query expansions for shopping ads
- Wrote data jobs (including Hadoop jobs)
- Analyzed data with Qubole, Presto, Hive, and Jupyter
- Ran experiments to verify my changes positively affected users
- Wrote Thrift schemes and coded in Python, Java, and Go

PURE STORAGE, Mountain View, CA   **2016**

Software Engineering Intern
Pure Storage is a flash storage company. On the escalations development team, I built a search engine to make the customer support teams more efficient and effective, and:
- Integrated five different data sources into a single search tool, using ElasticSearch as the backend
- Created a result ranking system
- Wrote a logline parser, so that users could input a logline and get meaningful results
- Tracked user interactions with the search engine
- Exposed engineers to new pools of information they hadn't previously thought to search

CHANGE.ORG, San Francisco, CA   **2015**

Software Engineering Intern
Change.org is an online petition platform. As an intern on a team of web-developers, I:
- Helped launch the new branding pages for the site
- Developed a web-based automated video project

ANITA BORG INSTITUTE, Palo Alto, CA   **2013 – 2014**

Marketing Intern
The Anita Borg Institute is a non-profit organization whose mission is to promote women in STEM careers. As an intern on the marketing team my responsibilities included:
- Organized online marketing assets and website updates
- Coordinated sponsor logistics for the Grace Hopper Conference

COLLEGE WORK EXPERIENCE

BROWN COMPUTER SCIENCE DEPARTMENT, Providence, RI **2015-2017**

Undergraduate Teaching Assistant
The Brown University Computer Science Department employs undergraduate students to aid the professors in teaching, grading, and supporting their students. I have been an undergraduate TA (teaching assistant) for:
- CS123, Introduction to Computer Graphics (current)
- CS015, An Introduction to Object Oriented Programming
- CS016, Introduction to Algorithms and Data Structures.

As a TA for these courses, I spend four hours every week helping students better understand the lecture concepts and debug their code. I also grade students' assignments and projects, help design the coding projects and lectures for the courses, and run the students' weekly labs.

EDUCATION

Brown University, Providence, RI
Currently a Senior, expected to graduate June 2018 with degree in Computer Science

Sacred Heart Preparatory, Atherton, CA
Graduated in June 2014

TECHNICAL SKILLS

Java, Python, C, C++, JavaScript, HTML, CSS

ACTIVITIES

Volunteer for el Centre d'Autoaprenetatge de Llengües de Universitat de Barcelona Spring 2017

Volunteer at the MET ESOL Program for teaching English to adult learners 2016

LANGUAGES

Fluent in English and Spanish