

# Heather Myers

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## EDUCATION

Mills College, Oakland, Ca – Interdisciplinary Computer Science MA

Expected Graduation 2018

Thesis: Defining Sanctuary: a Solution in Technology

GPA: 3.7

Mills College, Oakland, Ca – Anthropology and Sociology BA

Fall 2013

Honors: Cum Laude - Phi Beta Kappa - Anthropology Student of the Year

GPA: 3.9

## COURSEWORK

Java 1 and 2, Databases, Data Structures and Algorithms, Geospatial Big Data, Software Engineering, Theory of Algorithms, Computer Architecture, Research Process, ICT4D (Computing for Good), Discrete Math 1, Discrete Math 2, Statistics, Web Programming, Programming Languages, Methods of Social Research, GIS and Social Geography

## PROJECTS

- **Defenders of Wildlife Mapping project:** Worked in a four-person team to design a prototype of a web site which displayed endangered species data.
- **ID3:** Coded a version of ID3 in Java for Geospatial Big Data.
- **NAWIC Project:** Created a website to help Native American Women in Computing connect and network.
- **The Sanctuary City Map App:** Led a four-person team to design a web app which shows sanctuary cities in the US as well as local troll-resistant sanctuary data populated by users.

## CORE COMPETENCIES

- Java, JavaScript, Ruby, MySQL, HTML, CSS, Python
- Development Tools: (Proficient in) Eclipse, Sublime, QGIS, Github, BitBucket, MongoDB, Express, Angular, Node.js, Google Earth Engine (Familiar with) Google App Engine, MapReduce, Spatial Hadoop
- Management, organization, planning, leadership, adaptability, mentoring, research, critical thinking, global perspective, effective communication

## EXPERIENCE

Independent Research Consultant - NASA DEVELOP - Mountain View, Ca

Sep – Nov 2017

- Used JavaScript to expand UI development, improve existing functionalities, and expand new capabilities of an existing Google Earth Engine tool,
- Team member on a deliverables-based project for Lassen Volcanic National Park which facilitates fire prevention planning

Teaching Assistant - Mills College, Oakland, Ca

August 2014 – May 2017

- Selected to TA for Java, Discrete Math, Geospatial Big Data courses
- Graded papers, ran labs and study sessions, and held office hours for 8-25 students per course.

Founding President - Mills Interdisciplinary Computer Engineers Club (MICE Club)

Jan 2015 – May 2016

- Conducted professional development sessions
- Created and solved coding challenges in Java
- Organized professional activities and events every semester

Supervisor – Borders Books, Inc. - Alameda, Ca

April 2008 – April 2011

- Supervised over 10 employees and reported to General Manager Sarah Sparkman
- Was Responsible for opening and closing the store and provided excellent customer service
- Organized store-wide inventories, and managed store documentation.