Heather Myers – Data Science Intern

EDUCATION

Mills College, Oakland, California – Interdisciplinary Computer Science Master's Program GPA: 3.8

Start Date: August 2014 MICE Club President Projected graduation date: Fall 2016

Mills College, Oakland, California – Anthropology and Sociology Bachelor's Program GPA: 3.9

Graduated: Fall 2013 Cum Laude Honors Phi Beta Kappa Anthropology Student of the Year

CORE COMPETENCIES

Coding: (Proficient in) Java, MySQL, (Exposed to) Python, JavaScript, HTML, CSS, Hive, Pig, R

Development Tools: (Proficient in) Eclipse, Sublime, QGIS, (Exposed to) Google App Engine, Google Earth, MapReduce, Spatial Hadoop

Professional: Organization, planning, leadership, punctuality, adaptability, precision, mentoring, research, quick learning, critical thinking, global perspective, effective communication, individual and team work

TECHNICAL EXPERIENCE

Mills College: Teaching Assistant Java 1 and Geospatial Big Data – August 2014 – Present

Java, grading papers, running lab hours, helping students and peers, answering questions in person as well as via email and phone, and running study sessions.

Mills College: Summer Academic Workshop Instructor – July 2015 – August 2015

Instructed new students, used Scratch programming using App Inventor for Android Phone and tablet development, mentoring new Computer Science students.

PROFESSIONAL AND LEADERSHIP EXPERIENCE

Mills Interdisciplinary Computer Engineers Club (MICE CLUB): President – January 2015 – Present

Mentoring other students, professional development, organizing events, creating and solving coding challenges, workshopping skills.

Borders Books Inc.: Supervisor – April 2008 – April 2011

Supervising over 10 employees and reported to General Manager Sarah Sparkman, opening and closing the store, cash reconciliation, providing customer service, Truck-to-Floor (TTF) inventory, auditing incoming orders, breaking down pallets of product, maintaining alphabetization, organizing store-wide inventories, and store documentation.

COURSEWORK

Java, Databases, Data Structures and Algorithms, Geospatial Big Data, Computer Architecture, Research Process, ICT4D (Computing for Good), Discrete Math 1, Discrete Math 2, Statistics, Methods of Social Research, Geographic Information Systems and Social Geography

PROJECTS

Defenders of Wildlife Mapping project: Worked in a four-person team to design a prototype of a web site which used Google App Engine to host a Google Earth map which displayed endangered species data.

ID3: Coded a version of ID3 in Java for Geospatial Big Data.

Master's Thesis Project (In Progress): Machine learning personal collection media recommender project.