Althea Poteet

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Work

Software Development Intern - RealSelf

Fully integrated into an agile sprint team. Full stack development in Ruby, PHP, JS + Angular JS, & HTML / CSS. Designed solutions with engineering. UX, and business considerations.

Introductory Computer Science TA

Taught quiz section & graded homework + exams for introductory (CSE142 / CSE143) CSE courses.

Head Section TA

Prepared + improved documents for all TAs to use in quiz section. Ran meetings teaching TAs to teach their quiz sections.

Head Lab TA

Coordinated TAs and managed course content for optional quiz section for students.

Research Assistant – Ailion lab

Designed and performed experiments in a biochemical + genetics wet lab.

Education

University of Washington Spring 2019 B.S. Computer Science (conc. Data Science) GPA 3.58

Bellevue College 2015

A.A. General Arts and Sciences GPA 3.84

Interlake High School 2015

GPA 3.91

Other Projects and Experience

Lab Slide Rewrite

2017

Rewrote or created about 50% of lab (extra computer science guiz section) course content.

BlueFlow

Researched, designed, and prototyped a demo for a health information security product.

https://goo.gl/1iRovk

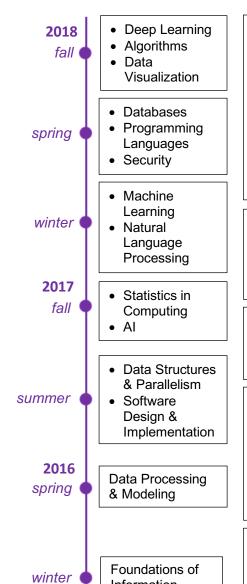
Google Games Seattle Winner 2018

Grey Matters Journal 2015 - 2016

Wrote 2 articles for the UW Undergraduate neurobiology journal.

- Distorting the Mind's Perception of Time
- Insanity on Trial

Highlighted Coursework / Projects



Implemented

- Uni, bi, and trigram
- Perceptron
- PCA
- (Stochastic + normal) Gradient Descent on **MNIST**
- PyTorch Neural Network
- Named Entity Recognition

Berkeley Pacman Project Al algorithms to control pacman efficiently. http://ai.berkeley.edu/proj ect overview.html

ChessBot

Implemented serial and parallel minmax, with and without pruning.

Studying Campus Sexual Assaults

Collected data from the Department of Education & Title IX commission & reported results in a Shiny app. https://goo.gl/ug53od

Vigilance

Researched, designed, and prototyped an app to combat drowsy driving

Scholarships & Awards

Microsoft GSBA Scholarship. (2018)**Grace Hopper Conference Grant** (2018)Bright Horizons Scholarship (2017)**GSBA** Scholarship (2015-2017)

Information

Languages / Frameworks

familiar proficient

- AngularJS
- C
- ElasticSearch
- Haskell
- Prolog + Datalog
- R
- Ruby
- SQL++ & **SQLite**
- JavaScript
- PyTorch
- Java Python
- LATEX