Althea Poteet

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Work

Software Development Intern - RealSelf

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

Introductory Computer Science TA

Taught quiz section & graded homework and exams for core introductory courses required to apply for CSE major.

Head Section TA

Created / modified documents for all TAs to use in quiz section. Ran meetings to teach TAs to teach their section.

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 quiz section) course content.

BlueFlow 2016

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

https://goo.gl/1iRovk

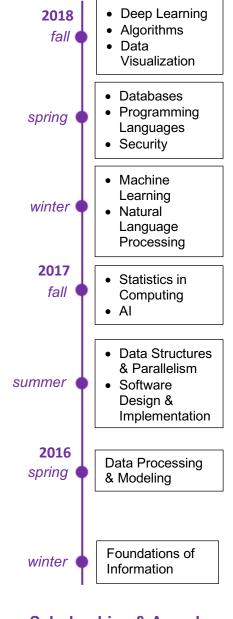
Google Games Seattle Winner 2018

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.

Vigilance

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

Scholarships & Awards

Microsoft GSBA Scholarship.
Grace Hopper Conference Grant
Bright Horizons Scholarship
GSBA Scholarship

(2018) (2017)

(2018)

(2015-2017)

Languages / Frameworks

familiar proficient

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

pytorch