Althea Poteet

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Work

Software Development Intern – RealSelf
Integrated into an agile sprint team as a full stack developer. Work highlights include reducing search engine misses by 50%, implementing redesigns of several pages, and improving backend interaction with ad engine.

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 — *exp. Spring 2019*
B.S. Computer Science (conc. Data Science)
GPA 3.58

Bellevue College — 2013-*2015*
A.A. General Arts and Sciences
GPA 3.84

Interlake High School — *2011-2015*
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*
Authored 2 articles for the UW Undergraduate neurobiology journal.
- Distorting the Mind's Perception of Time
- Insanity on Trial

Coursework / Project Highlights

2018 *fall*
- Deep Learning
- Algorithms
- Data Visualization

spring
- Databases
- Programming Languages
- Security

winter
- Machine Learning
- Natural Language Processing

2017 *fall*
- Statistics in Computing
- AI

summer
- Data Structures & Parallelism
- Software Design & Implementation

2016 *spring*
- Data Processing & Modeling

winter
- Foundations of Information

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

AI Pacman Project
AI algorithms to control pacman efficiently.
http://ai.berkeley.edu/project_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/uq53od

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

winter 2015: 1st Computer Science course

Scholarships & Awards

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

Languages / Frameworks

familiar — *proficient*

- AngularJS
- C / C++
- Linux
- ElasticSearch
- Haskell
- Prolog + Datalog

- R
- Ruby
- SQL++ & SQLite
- JavaScript
- PyTorch

- Java
- Python
- LaTeX