Althea Poteet

□ ayp2@cs.washington.edu

425-999-2446

9 1125 N 93rd St #4 Seattle WA 98103

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 Deep Learning Algorithms fall

- Data Visualization
- Databases
- Programming Languages
- Security

spring

winter

2017

summer

fall

- Machine Learning
- Natural Language **Processing**
- Statistics in Computing
- Al
- Data Structures & Parallelism
- Software Design & Implementation

2016 **Data Processing** spring & Modeling

Foundations of winter Information

Implemented

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

Al 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

winter 2015: 1st Computer Science course

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/C++
- Linux
- ElasticSearch
- Haskell
- Prolog + Datalog
- R
- Ruby
- SQL++ & **SQLite**
- JavaScript
- PyTorch
- Java
- Python LaTeX