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. Also improved an ElasticSearch search 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
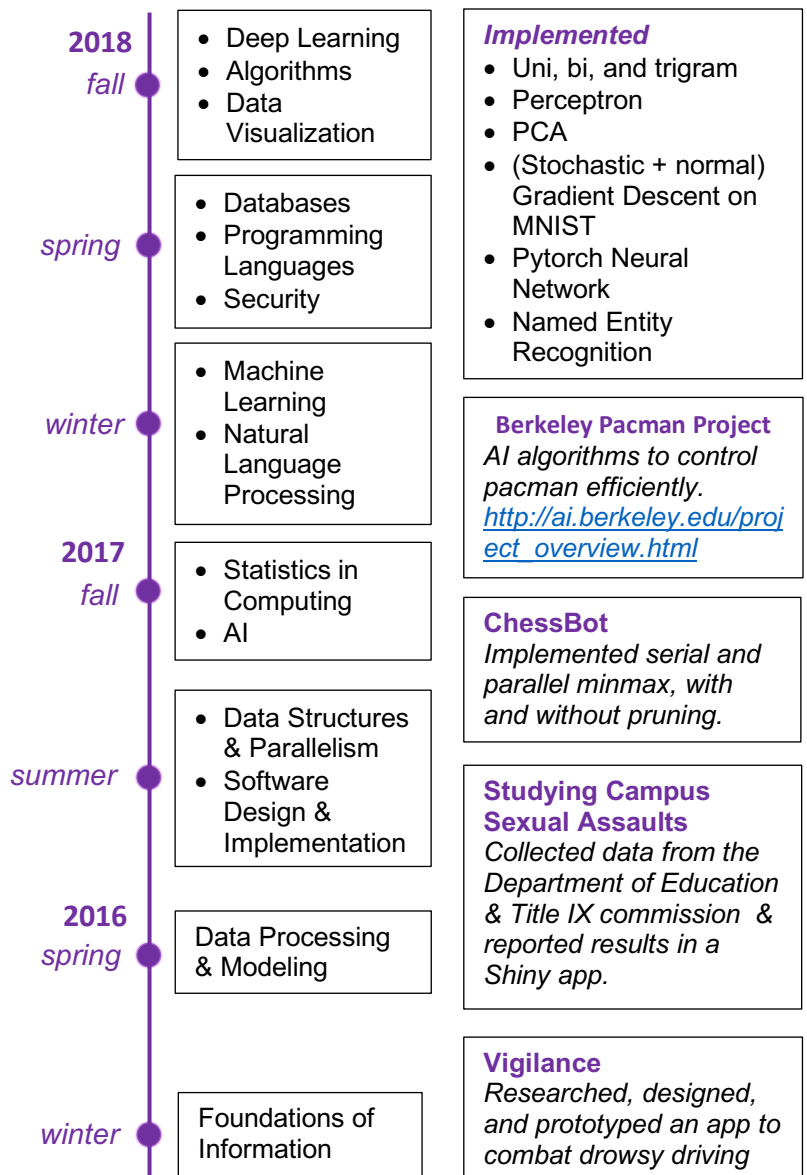
Lab Slide Rewrite   *2017*
Rewrote or created about 50% of lab (extra computer science quiz section) course content.

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

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

Berkeley 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.

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)*

Languages / Frameworks

familiar   *proficient*

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

- R
- Ruby
- SQL++ & SQLLite
- JavaScript
- pytorch

- Java
- Python
- LATEX