Jory Williams

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SKILLS

LANGUAGES
- Java
- Python
- HTML / CSS
- JavaScript
- C / C++

DATABASE
- SQL
- NoSQL
- AWS / Azure
- Spark
- JDBC

TOOLS
- Bash
- Git / Version control
- PyTorch
- Pandas / NumPy

PROJECTS

Genetic TicTacToe Neural Network github.com/jorycw/Genetic-TicTacToe-NN
Applied an evolutionary strategy to TicTacToe neural networks. A generation of neural networks play games against each other, poorly performing networks are eliminated and the population is repopulated using a combination of the successful networks.

Campus Paths github.com/jorycw/CampusPaths
Using Dijkstra's algorithm, implemented a tool that finds the shortest route between two buildings on the UW campus. Implemented a graph ADT for the paths, parser for path data files, and GUI with a model-view-controller structure.

EXPERIENCE

Software Engineer Intern - Alarm.com 06.2019 - 08.2019
Enabled full landscape support for Alarm.com iOS app on iPhone, project currently going through QE, will then get pushed to production to over 7 million users. Fixed and refactored broken unit tests on web build.

Civil Engineer Intern - Jacobs Engineering Group 06.2017 - 08.2017
Civil Engineer Intern for Jacobs as a consultant for Washington State Department of Transportation
Asst. Inspector on a drainage and paving contract, inspected asphalt, drainage, and earthwork
Interacted daily with Prime Contractor, several Subcontractors, WSDOT Inspectors, and L&I

EDUCATION

University of Washington 08.2016 - current
GPA: 3.36 / 4.0 | Paul G. Allen School of Computer Science & Engineering

Yakima Valley Community College 08.2014 - 06.2016
GPA: 3.69 / 4.0 | Associates of Arts while in high school | President's List for all Quarters

East Valley High School 08.2012 - 06.2016
GPA: 3.96 / 4.0 | NHS | Vex Robotics | Tennis | Cross Country | 4-H President | Jazz Band

RELEVANT COURSEWORK

- Artificial Intelligence
- Computer Security
- Database Internals
- Data Management
- Data Structures & Parallelism
- Foundations of Computing I & II
- Hardware / Software Interface
- Machine Learning
- Software Design and Implementation
- Software Tools
- Systems Programming
- Web Programming