
Morgan Stimpson

(253) 486-4366 morgan.stimpson@hotmail.com www.linkedin.com/in/M-Stimpson <https://morganstimpson.github.io/mySite/>

Projects

- Deadwood****Object Orientated Design, Winter 2020**
 - Used object orientated design to develop a model view controller game design.
 - Worked with JavaFx to create a general user interface for the game to be intuitive.
 - Developed with XML to create and store game data.
- Firewall****Network Systems, Spring 2020**
 - Demonstrated my knowledge of servers and networking by creating a firewall on a virtual machine.
 - Programmed my firewall to identify malicious IPs and created a blacklist to share.
 - Communicated with other virtual machines to share a master blacklist of banned IPS.
- Miniature Operating System****Computer Systems II, Winter 2020**
 - Exhibited Process Synchronization and Multithreading by developing my own Micro Kernel.
 - Created system calls such as echo, argument parsing, and environment variables.
- Stock Trading Algorithm****Database Systems, Fall 2019**
 - Queried with SQL to pull large amounts of stock trading information.
 - Developed an algorithm to predict when loss would occur on a stock and when to buy/sell stocks.
- Machine Learning Algorithm Development****Machine Learning, Fall 2020**
 - Used linear algebra and multivariable calculus to develop supervised machine learning algorithms.
 - Designed ml algorithms on a 30k point data set to determine the binding affinity of proteins.

Skills

- Technical**
 - Languages: Java, Python, C, C#, R, JavaScript, SQL, HTML, CSS, PHP, .NET, Scheme, NetBSD
 - Tools: React, Expo, Android Studio, PyTorch, Anaconda, REST, Docker, Node.js, SK Learn
 - Environments: Windows, Linux, MacOS
 - Agile and Waterfall development
 - Full stack development
 - Version control
- Soft Skills**
 - Excellent communication
 - Time management
 - Team leadership
 - Self-Driven
 - Quick learner
 - Beer Brewing
 - Adaptability

Education

- Bachelor of Computer Science,****March, 2021**
Western Washington University
 - Led a team of 6 people to develop software for Western Washington University's Sea Discovery Center for a year.
 - Continuing education in machine learning, cloud computing, and software design.

Experience

- Shift Manager, Sajan Inc., Bellingham, WA****February, 2020 – October, 2020**
 - Excelled in every position and regularly supported front staff to keep expertise fresh and relevant.
 - Surpassed Covid-19 standards of cleanliness as to best keep everyone safe.
 - Kept employees operating productively working on task to exceed business and customer needs.
- Resident Adviser, Western Washington University, Bellingham, WA****August, 2017 – June, 2019**
 - Liaised between community programs, residents, and counseled 75 residents.
 - Provided emotional support, counseling to residents, and developed healthy support groups.
 - Strategized to improve resident care, satisfaction and held weekly meetings with directors to advocate for resident needs.