Crystal Fletcher

✉ tafletch@mtu.edu

📞 (989) 259-0273

🐦 linkedin.snreloaded.stream

🐙 GitHub.com/CrystalSpore

Education

Michigan Technological University   Houghton, MI   Expected May 2020
B.S. in Software Engineering, Departmental GPA 3.30

Selected Coursework

In Progress	Concurrent Programming, Algorithms, & Husky Game Development
Completed	Programming at the HW/SW Interface, Intro to Database Systems, Team Software Project, Formal Models of Computation, & Computer Organization

Work Experience

Vertanen Research, VelociTap Text Auto-Correction   Houghton, MI January 2017 - Present
- Development of experimental applications in text auto-correction and input stimuli.
- Use of Application Programming Interface (API) in development of Smartwatch testing app.
- Development within the research team accomplised both independently and as group programming.

Husky Game Development Enterprise

The mission of Husky Game Development is to design and develop games for business, education, and fun. I acted as one of the multiple software developers on my scrum team while developing a 2D platforming game. The game we have been working on, Pirate King: Retravengeance, is currently in an alpha state, but we are planning to wrap up this game and have it be a finished product by the end of the Spring Semester, 2019.

MTU Computer Science Learning Center Coach   Houghton, MI   September 2017 - Present
- I tutor students on logic and problem solving skills relating to programming & discrete math.

Lowe's Home Improvement Center   Midland, MI   Summers of 2017 & 2018
- Started as Cashier, interfacing with customers.
- Promoted in summer 2018 to the Customer Service Desk, where I helped customers with problems.

Languages and Technologies

Most Experienced Java, C/C++, HTML5/CSS3/XHTML, Git & GitHub
Some Familiarity Rust, JavaScript (Node.js), MySQL, Android, Assembly, C#, & LaTeX

Side Projects

Personal Website: SNReloaded.stream
Self Hosted website with most everything hand coded. SSL certificate included for secure connection.
Source: github.com/CrystalSpore/SNReloaded.stream

ATOM (A Tiny Object Modeler)
Project for the Team Software Project class. Source: github.com/TSP-Molecule/ATOM

Extracurricular Activities

FIRST Robotics   Team 2619   October 2012 - August 2016
Active member and programming lead, and team qualified for MI State & Worlds competition all 4 years