

Crystal Fletcher

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in linkedin.snreloaded.stream
GitHub.com/CrystalSpore

Education

Michigan Technological University Houghton, MI
B.S. in Computer Science, Departmental GPA 3.58

Expected May 2020

Selected Coursework

In Progress Programming Languages, Husky Game Development, & Systems Programming
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 accomplished both independently and as group programming.

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#, & L^AT_EX

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

Copper County Coders - Mentoring September 2016 - May 2017
Mentor middle school and high school students in various programming languages & web design.

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