Alexander Kursell

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SUMMARY OF QUALIFICATIONS

- Six years of experience using **Python**.
- One to two years experience in **C, Javascript, Java, and LaTeX**.
- Three months of experience using **Rust**.
- Three years experience in high-traffic retail position. Non-technical, but with a heavy emphasis on soft skills and working without close supervision.

PROJECTS / COMPETITIONS

ScrapeSave - Firefox Page Scraping Extension   March 2017 - June 2017

- Implemented in **Javascript** and **jQuery**, along with **HTML** and **CSS** for the interface.
- Scrapes and collates arbitrary sections of multiple similar pages into a single HTML file.
- Use cases: Retrieving all articles of a blog, all pages of a webcomic, series of Reddit posts.

AlexChat - Serverless Graphical Chat Client   November 2016 - January 2017

- Implemented in **Python** using only components of the standard library.
- Uses TCP and UDP sockets to discover and communicate with peers on the same network.
- Requires no configuration, setup, installation, or peer bootstrapping.

Programming Competitions

- Recieved Distinction (top 25%) in the 2017 Canadian Computing Competition (CCC).
- Recieved Distinction (top 25%) in the 2017 Euclid math competition.
- Team reached and placed in the top 10 in the final, province-wide round of the 2017 Educational Computing Organization of Ontario contest (ECOO).

WORK / LEADERSHIP

President   September 2016 - June 2017
Thornhill Secondary School Computer Club

- Taught large (20+ people) introductory programming classes in Python for new members.
- Planned and managed club trips with attendances from 8 - 12 people.
- Handled club funding requests, writing field trip consent forms, other required paperwork.

Retail Sales Associate   February 2015 - August 2017
Cedar Fair Entertainment Company,
Canada's Wonderland Merchandise Department, Vaughan, ON

- Sucessfully operated retail location alone with infrequent contact with supervisor.
- Served many customers at once, often within high-traffic periods.
- Worked long (8-12 hr) shifts through weekends while school was still running, full time in summer.
- Recieved multiple positive performance reviews. Supervisor references available upon request.

EDUCATION

Candidate for Bachelor of Software Engineering   September 2017 - present
Honours Software Engineering,
University of Waterloo, Waterloo, ON

- First term average of 95%.

High School Diploma   June 2017
Thornhill Secondary School, Thornhill, ON

- Grade 12 average mark of 96.5%.
- Highest mark in class in 3 of 7 grade 12 classes.