Ethan Ferguson

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OBJECTIVE

Obtain further experience and knowledge in the field of computer science.

EXPERIENCE

Sonnet Software, Syracuse— *Software Intern*

June 2019 - August 2019, December 2019 - January 2020, May 2020 - August 2020

Summer internship, debugged and added to legacy MATLAB interface for the *Sonnet* software suite. Worked in developing a MacOS version of the software. Provided MATLAB support.

Cavalry Club, Manlius— *Waitstaff*

June 2018 - August 2019

Worked as a busser for approximately 10 hours a week at the Cavalry Club, a local country club. Engaged with customers and staff to provide excellent customer service and a positive work environment.

Syracuse University, Syracuse— *EECS Intern*

June 2018 - August 2018

Summer internship, created data mining software to capture data from the website "Steem", and analyzed the results.

EDUCATION

Binghamton University

August 2019 - Present, Cumulative GPA 3.95

Majoring in Computer Science, enrolled as a member of the Binghamton University Honors Program. Expected graduation in May 2023.

Fayetteville-Manlius High School

September 2015 - June 2019

High Honors student (GPA 95+). Have completed math through AP Calculus, science through AP Physics C. Captain of Varsity Science Olympiad team – State Champions 2 years. Member of National Honors Society, Science Honors Society, French Honors Society.

LEADERSHIP

Boy Scouts — *Eagle Scout*

Boy scout since 5th grade. Completed National Youth Leadership Training and received the NOA Camping Gold Award. Served as Patrol Leader and Scribe for troop. Participated in many hours of volunteering through the organization.

Science Olympiad — *Captain*

Captain of Science Olympiad team senior year of high school. Member 5 years. Second place in *Game On* event in National Science Olympiad Tournament in 2018.

SKILLS

Languages: C, C++, x86–64 Assembly, Python, Java, JavaScript, MATLAB, Rust, Go

Operating Systems: Windows 7 & 10, Linux, macOS

Embedded Systems: Arduino, Raspberry Pi, soldering, system building/repair

Development and Creative Skills: Emacs, vi, apache, Web Design, HTML/CSS, data analysis, Networking (see website – missingchip.com), 2D and Digital design

AWARDS

National Merit Scholar Finalist

Scholastic Gold Key for the piece *Distance*.

Bausch and Lomb Honorary Science Award

FOREIGN LANGUAGES

Completed Advanced Placement French. First language English.