# Education

Major GPA: 3.21  
Relevant Courses: Intro to Algorithms (In Progress), Computer Organization, Digital Systems, Data Structures, Intro to Computer Science I & II, Computer Science Seminar

# Work Experience

Created a script to automatically generate configuration files that saved developers two days of work a year.

Found a bug in vendor’s software and communicated with them to fix the bug and update the program.

Pinpointed a networking bug in software / hardware interface and updated configuration to fix it.

Found and fixed a loop offset bug in a package sorting system while improving code readability.

Worked in C / C++

Created a C# application to help users verify software versions and dependencies by importing CSV file and verifying characters limits, duplicates, etc.

Ran software verification procedures on graphics boards for formal testing.

Worked on a team with other interns to design, build and program a fully autonomous robot based on requirements given to us at the start of the internship.

Created a web application that tracks user’s requests for new devices such as laptops and phones in order to decrease load on managers.

Usage of SQL queries and databases to pull data into C# backend.

Created a Tableau dashboard to see usage statistics for different projects.

Worked with a team of interns and supervisors to present project to stakeholders.

# Skills

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# Extracurricular Activity

• Solved complex coding problems with other students and learned to parse files for data values and file I/O.

• Software Team Lead in implementation ofreal time control, PID loops, vision system, and motion control feedback loops.  
• Engaged in fundraising and public relation activities including a presentation at New York State Technology Educators Conference and Union Endicott Elementary School presentations.

# Awards