

Alex Bolduc

Methuen, MA | aebolduc@wpi.edu | <https://axbolduc.com> | 978.609.4376

OBJECTIVE

Seeking a full-time internship position for summer 2021, to gain relevant experience and be a valuable member of a team

EDUCATION

Worcester Polytechnic Institute (WPI), Worcester, MA

Bachelor of Science in Computer Science

May 2023

Methuen High School, Methuen, MA

Highest Honors Diploma, GPA 3.95/4.0

June 2019

COURSEWORK (* to be completed by summer 2021)

- **Object Oriented Design Concepts** – Inheritance, exceptions, interface, design by contract, basic design patterns – Language: Java
- **Systems Programming Concepts** – Large-scale programming exercises designed to help confront issues of safe programming with system-level constructs – Language: C/C++
- **Machine Organization/Assembly** – Introduces structure and behavior of modern digital computers and the way they execute programs – Languages: Assembly, C/C++
- **Algorithms** – Building on a fundamental knowledge of data structures, data abstraction techniques, mathematical tools, algorithm design and analysis – Language: Java
- **Software Engineering*** – introduces the fundamental principles of software engineering, modern software development techniques and life cycles – Language: Java

SKILLS

- **Programming Languages:** JavaScript, Python, Java, C/C++, C#, HTML, CSS
- **Frameworks/Technologies:** React, MySQL
- **Operating Systems:** Linux (Arch, Ubuntu), Windows
- **IDEs:** Visual Studio, Visual Studio Code, IntelliJ Idea, IntelliJ CLion
- **Software:** Microsoft Office, Google Suite, Maple, Adobe Creative Cloud

WORK EXPERIENCE

Installation Technician, WPI – Academic and Research Computing

January 2021 – Present

- Strengthened robust installation workflow on high powered compute clusters
- Installed and configured various software tailored to specific research needs

Associate, Market Basket #18, Methuen, MA

November 2017 - Present

- Aided customers in bagging grocery items.
- Enhanced customer experience through customer interaction.

Assembler, Definitive Technology Group, Wilmington, MA

2018 – Present

- Assembled and tested mobile computer carts for shipping.
- Developed efficient processes to increase workflow.