**Sebastian Baldini**

6 Goulding St, Worcester, MA 01609 sebastian.baldini@outlook.com

github.com/somguynamedseb sebastianbaldini.com linkedin.com/in/sebastian-baldini

**Objective:** I am a Robotics Engineering student looking for a summer internship position.

**Education**

Worcester Polytechnic Institute (WPI), Worcester, MA

Bachelor of Science in Computer Science, GPA 3.4 Graduating May 2025

**Skills**:

Technical Skills: Circuits and Sensor Integration and Programming, C++, Java, Rust, Python, MATLAB

Software: Solidworks (CSWA certified), Fusion 360, Onshape, Simulink, MultiSim, Linux

**Experience:**

WPI Robotics Materials Group: August 2023 -> Present:

* Developing new soft robotics technology involving multi-material FDM 3D printing
* Researching new elastomeric materials for soft robotics applications with SLA printing

Millennium/Evergreen Slate: Intern Production Manager, Granville NY: May 2022 -> August 2022

* Managed the loading and unloading of production lines involving CNC lasers and FANUC robotic systems
* Diagnosed and repaired bugs in code and sensor issues to improve the efficiency and uptime of production
* Developed production lines from their prototype phase into full production decreasing the number of required operators, time per cycle, and downtime of the entire line

**Activities/Leadership**

**Omega Head of House, MBU Exec Chair:** APO Omicron Iota Chapter: January 2023 -> Present

* Leading the organization of WPI’s Merit Badge University in partnership with the Boy Scouts of America which will have an attendance of around 130 scouts

**Control Systems Designer:** Jet engine project: March 2023 -> Present

* Assisted in development of current control system for Wren 75 jet engine

**Program Development Assistant:** Makerspace Program Development: July 2023 -> Present

* Currently in talks with the head of the WPI Makerspace to improve the accessibility of Makerspace programs

**Projects**

**User Interface and Program Design for Brigham and Womens Hospital March** 2023 -> May 2023

* Lead UI design and development on a 10 person team for a Kiosk application
* Developed Novel API implementations to improve the user experience

**Additional Related Courses**: CS 4341: Introduction to Artificial Intelligence, RBE 4815 Industrial Robotics,