

Justis DiBattista

Ridgefield, NJ | 201-424-7026 | jdibatti@stevens.edu

LinkedIn: www.linkedin.com/in/justisdibattista

Projects/Portfolio: <https://justisdibattista.com/>

TECHNICAL SKILLS

- **Languages:** Java, Python, C++, HTML, MATLAB, VHDL, ARM Assembly
- **Software:** SolidWorks, Excel, MATLAB, LabVIEW, OmNET++, Photoshop

PROFESSIONAL EXPERIENCE

Better Team USA | CAD Designer/Production Engineer | Clifton, NJ Jan 21 - Present

- Modeling and engineering templates for use in automated garment production using SolidWorks and CO2 laser cutting.
- Programming automatic sewing interface for individual templates to sew technical garment components and increase production rates by more than 50%.
- Leading a team of machine operators in projects including the production of the Winter Olympic Ceremonial outerwear for Team USA.

Federal Communications Commission | Data Analytics Intern | Washington, DC (Remote) May 21 - Aug 21

- Working within a team of interns and supervisors to make progress in existing projects with weekly stand-ups for progress reports.
- Communicated with the project manager and intern team to stay organized and on time throughout each milestone using Microsoft Teams.
- Researching open-source technical reports on OSS and ICS security to develop a legislature proposal regarding FCC regulation for presentation to a higher council.

Ridgefield Community Pools | Head Lifeguard | Ridgefield, NJ Jun 16 - Aug 19

- Lead teams of lifeguards of different shifts through delegating positions and maintenance tasks.
- Monitor for safety and health concerns across multiple pool grounds and assist patrons in distress.
- Writing and organizing lifeguard shift rotation schedules and manage individual stations as needed.

EDUCATION

Computer Engineering | Bachelor of Engineering | Stevens Institute of Technology May 2022

GPA: 3.31

- Circuits and Systems, Java, Python, Microprocessor Systems, Applied Data Structures and Algorithms, Engineering Design Lab 1-5, Information Systems, Digital System Design, Image Processing, Modeling and Simulation

Computer Engineering | Master of Engineering | Stevens Institute of Technology May 2023

GPA: 3.67

- Applied Discrete Maths, Internet of Things, Realtime/Embedded Systems, Deep Learning

ACADEMIC PROJECTS

IntelliVeggie | Innovation Expo | Stevens Institute of Technology | Hoboken, NJ Sep 21 - May 22

- Designing an intelligent greenhouse with watering, lighting, and cooling actuators activated by environment sensors
- Programming embedded systems for sensor communication with Arduino, Raspberry Pi and Firebase
- Use IoT to communicate live with Raspberry Pi using online servers for reading greenhouse data and remote actuator control

HOBBIES

- Fashion Design, Music Production, PC Building/Repair, Basketball, Hiking

LEADERSHIP + AWARDS

Presidential Scholarship, Stevens Institute of Technology

2018-2022

Vice President, Phi Sigma Kappa - Iota Chapter

Fall 2021