

Annabelle Platt

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EDUCATION:

Olin College of Engineering *May 2023*
Needham, MA
Bachelor of Science in Engineering: Computing
Recipient of 50% tuition merit scholarship

Ipswich High School *May 2019*
Ipswich, MA

RELEVANT COURSEWORK

Data Structures and Algorithms *Fall 2021*
Fundamentals of Natural Language Processing *Fall 2021*

- Implementing basic NLP models in Python

User-Oriented Collaborative Design *Spring 2020*
• Semester-long project identifying needs and designing a product for a user group

Software Design *Fall 2020*
• Best practices for writing, structuring, and documenting robust software

Data Science *Fall 2020*
• Learned statistical modelling techniques and how to quantify uncertainty

Quantitative Engineering Analysis *Spring 2020*
• Used PCA to build an algorithm to identify plankton

Modelling and Simulation of the Physical World *Fall 2019*
• Modelled the effect of climate change on plankton density with Python

SKILLS:

SolidWorks • Onshape
Python • R • MATLAB • HTML • CSS • Java
Git • Github
Microsoft Excel • MiniTab
Arduino • Ubuntu
User Experience Design • Linear Algebra • Discrete Math
Wood and Metal shop tools
Figma • Sketch

EXPERIENCE:

Duro Labs - User Experience Designer *December 2020 - present*
Duro Labs is a small, cloud-based PLM company

- Working as an independent contractor designing user experience and graphics for Duro Labs
- Designing and user-testing new features and improvements to old features to streamline the PLM process for Duro users
- Creating and revising iconography and graphics to ensure a cohesive, professional look

Onshape - Cutting-edge cloud-based CAD system
Software Engineering Intern *June - August 2021*

- Worked with Java, HTML, CSS/LESS, and Typescript to implement bug fixes and new features
- Submitted and contributed to code reviews
- Learned about code optimization, debugging, working with Git in a professional environment

User Experience Intern *June - August 2020*

- Analyzed improvement requests, building, testing, and revising mockups
- Conducted user interviews with real Onshape users
- Designed features that are used everyday

Analog Devices - Intern *July - August 2018*

Analog Devices designs and manufactures electronic components

- Built RC cars to use as testbeds for developing autonomous vehicle sensors
- Gained exposure to the Robot Operating System (ROS) and an introduction to the challenges of autonomous vehicles

FIRST Robotics Competition Team 5459 - Mechanical Head

January 2015 - May 2019

Part of team that builds a robot to compete in the FIRST Robotics Competition yearly challenges

- Responsible for organizing the design and fabrication of FRC competition robot
- Founding team member and executive committee member
- Dean's List Award International Finalist (2017) for exceptional leadership, technical expertise, and accomplishment