Cooper Birdsall

(802) 343-2230
https://cooperbirdsall.com
cooper_birdsall@brown.edu

Education

Brown University
2018-2022 | Computer Science | Providence, RI

Relevant Coursework:
User Interface and User Experience Design, Data Structures and
Algorithms, Object-Oriented Programming, 2D Game Engines, Calculus II

Experience

Teaching Assistant: Object-Oriented Programming
Fall 2019 | Brown University Computer Science Dept. | Providence, RI
- Led weekly lab meetings on Linux and Java, held weekly TA hours
- Developed and graded course assignments
- Ran live A/V system for a course of 400+ students
- Acted as a mentor for a small subset of students

Digital Innovation Intern
Summer 2019 | Green Mountain Electric Supply | Colchester, VT
- Developed Visual Basic macros to analyze, organize, and update data for over 1 million products in Excel
- Reduced E-commerce webpage load times by over 2 seconds by batch compressing 300,000+ product images
- Maintained an active FTP Site to manage company-wide database

IT Support Assistant
2016-2018 | Champlain Valley School District | Williston, VT
- Enterprise enrolled 500 student laptops yearly
- Responded to IT help tickets submitted by teachers and staff
- Imaged and updated hundreds of desktop computers to be ready for the school year

Projects

Web Redesign
November 2019 | HTML/CSS, Balsamiq, Figma
- Completely overhauled an existing website's user interface and experience design
- Transitioned from wireframing to high-fidelity mockups to web version

A/B Testing and Eye Tracking
October 2019 | JavaScript, HTML/CSS
- Utilized eye tracking hardware to find areas of interest on page
- Developed heatmaps to compare A/B versions of site

Personas and Storyboarding
September 2019
- Surveyed users about how they use an interface to develop typical mental models and personas
- Redesigned and streamlined the interface after analyzing user experience

Skills & Tools

Design
- Adobe CC
- Balsamiq
- Figma
- Sketch

Coding
- HTML/CSS
- JavaScript
- Python
- Java