



AMANDA DUPELL

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Available: September 2022

EDUCATION

NORTHEASTERN UNIVERSITY | Boston, MA

Bachelor of Science in Computer Science and Design

Relevant Coursework: Software Development · Human Computer Interaction · Discrete Structures · Object-Oriented Design · Algorithms · Graphic Design I and II · Typography I and II · Interaction Design I and II · Design Process, Context and Systems
Honors: 3.4/4.0 GPA

MCGILL UNIVERSITY | Montreal, Canada

Semester Study Abroad Program, Sept - Dec 2017

Activities: HomeworkZone Tutoring

SKILLS

Languages

React
Typescript
Javascript · Java
HTML · CSS
Python

UI/UX

Prototyping
Wireframing
User Testing
User Research

Software

Adobe CC
Github
Figma

INTERESTS

Professional

Accessibility
Design Systems
Prototyping
Research
Design Process

Personal

Activism
Ceramics
Music
Movies

EXPERIENCE

UI/UX DEVELOPER | Remote

Hewlett Packard Enterprise, May 2021 - Present

- Researched and developed a new Notification component in an open-source library to be used company-wide as a part of the design system
- Redesigned and wrote the company-wide design system guidance for accessibility for designers and developers
- Conducted several rounds of accessibility audits with real users to track and fix issues in an open-source component library and company products
- Collaborated on multiple Github repositories to fix bugs and add functionality
- Reviewed code from teammates and open-source contributors

FRONTEND ENGINEER CO-OP | Boston, MA and Remote

HqO, Jan 2020 - May 2021

- Designed and implemented multiple screens and workflows for web and mobile
- Collaborated on multiple Github repositories and reviewed peer code across engineering teams and with pair programming teammates
- Pioneered Storybook for React Native development in order to build out a reusable component library for both web and mobile
- Met with the design team to capture their vision and establish a pattern for creating new components with engineering
- User-tested the admin website with product and design teams

TEACHING ASSISTANT | Boston, MA

Northeastern University Object-Oriented Design, Sept 2019 - Dec 2019

- Hosted four 2-hour office hours a week to support current students in homework Java assignments and general course-related questions
- Weekly and exam grading with constructive feedback

CAREER PEER AMBASSADOR | Boston, MA

Northeastern University Khoury College, Aug 2021 - Present

- Hosted four 2-hour office hours a week to support Khoury computer science students with school and career advice and guidance
- Met with advisor to discuss student engagement and plan community events

PROJECTS

PERSONAL PORTFOLIO | React, Typescript, HTML

- Designed, implemented and deployed a portfolio website to showcase numerous personal design projects that span over my time in college

MARBLE SOLITAIRE GAME | Java

- Created a MVC-framework-based program that allows users to personalize a solitaire gameboard and execute moves in the console

FUZZER PROGRAM | Python

- Programmed a basic fuzzer that takes two inputs: (1) a program specification in XML format and (2) the path to the target program, in effort to find bugs in that target