Amiel Monasterial

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Available January 2021 - August 2021   monasterial.a@northeastern.edu

Education

Northeastern University, Boston, MA   *September 2017 - Present*
Khoury College of Computer Sciences   *Dec 2021*
Candidate for a Bachelor of Science in Computer Science   GPA: 3.31/4
Honors: University Honors Program Scholar
Relevant Courses: Algorithms, Object Oriented Design, Networks and Distributed Systems, Computer Systems, Human-Computer Interaction, Artificial Intelligence, Software Development

Skills

Languages: *Proficient*: Javascript, Typescript, Python, Java, HTML, CSS
                        Familiar: C, C++, Ruby
                        Explored: Lisp, MATLAB, Golang
Frameworks/Libraries: React, Redux, Jest, Node.js, MongoDB, Flask, GraphQL, Next.js, Gatsby.js,

Experience

Drift - Software Engineer Co-op   *May 2020 - August 2020*
React, Redux, Typescript, Java (Dropwizard)   *Boston, MA*
- Owned and implemented features for web app used to enable users to monitor chat bot coverage
- Repaired UX regressions to preserve rapid pace of development and maintain customer experience
- Improved frontend developer experience by contributing enhancements to component library
- Directed initiatives to improve implementation of table component used across organization

Placepass - Software Engineer Co-op   *January 2020 - March 2020*
React, Redux, Jest, Typescript, GraphQL, Ruby, Golang   *Boston, MA*
- Augmented site performance by helping rewrite frontend monolith using modern React principles
- Increased test coverage for new frontend codebase by implementing UI test suite in Jest

The Recurse Center - Participant   *July 2019 - August 2019*
Python, React, Node.js, GraphQL   *Brooklyn, NY*
- Studied GraphQL, API design principles, React hooks and modern frontend architectural practices
- Explored software related career paths by collaborating with industry professionals

OppenheimerFunds - Software Engineer Co-op   *January 2019 - June 2019*
React, React Native, Redux, Java (Spring), Realm, MongoDB   *New York, NY*
- Developed UI components for cross-platform portfolio management tool in React and React Native
- Decreased content load times by optimizing rendering and moving computational weight off of frontend

Projects

Sandbox Northeastern   React, GraphQL, Node.js   *August 2019 - Present*
- Develop new features for SearchNEU, a web application used by thousands of northeastern students to find course information as part of student-run software consultancy
- Assist in leading the creation of a design system/frontend component library for club projects
- Built reusable components and improved architecture for revamp of the organization's homepage

Black Lives Matter Timeline   Next.js, MongoDB   *June 2020*
- Designed and implemented a web application used for archiving the protests which conspired after the killing of George Floyd and providing informational resources for learning about anti-racism