

Michael M. Mundia

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Available May 2023 - December 2023 | Boston, MA

EDUCATION

Northeastern University – Khoury College of Computer Sciences, Boston, MA

September 2021- Present

Candidate for Bachelor of Science in Computer Science and Theatre

Expected Graduation: May 2025

Relevant Coursework: Software Engineering | Algorithms and Data Structures | Object Oriented Design | Web Development | Discrete Structures | Mathematics of Data Models | Statistics and Software | Human-Computer Interaction | Three.js Journey

Awards

- **Dean's List** - Khoury College of Computer Science *December 2021*
- **NMSI Advanced Placement Scholar Award for Computer Science + Statistics** - NMSI *October 2021*

SKILLS

Languages: Java | TypeScript | JavaScript | PHP | SQL

Frameworks & Libraries: React | Next | Node | MongoDB | Mailgun | Jest | Three.js | Framer Motion

Tools: Git | Visual Studio Code | IntelliJ | Docker | Vercel | Postman | Figma

EXPERIENCE

Full-Stack Web Developer — HackBeanpot, Inc

April 2022 – Present | Boston, MA

- Utilizes React, TypeScript, Next, MongoDB to manage/develop HBP's main site, application portal and internal tools
- Builds reusable and modular components for main site and internal tools using TypeScript, React Hooks, and Context API
- Hosts engaging workshops to enhance the development team on Framer Motion and Three.js frameworks
- Conducts 50+ code reviews to verify design and implementation, identify bugs, and maintain consistency with HBP code standards
- Works closely with the design team to implement responsive web design and accessibility features
- Implements automated testing using Jest to ensure the reliability and maintainability of the codebase

Full-Stack Development Intern — UpperLevel CRM

April 2022 – September 2022 | Remote

- Utilized PHP, JavaScript, and MariaDB to expand the features and capabilities of the CRM and aid clients in automating their workflows using S.O.L.I.D principles
- Increased CRM application test coverage by 70% leading to increased stability of the application for future development
- Created automated unit and integration tests using PHPUnit and Laravel Dusk
- Developed and maintained RESTful API endpoints for the CRM using PHP and Laravel

Computer Science Resident Assistant - Residential Life at Northeastern University

August 2022 – Present | Boston, MA

- Supervises and mentors a group of 40+ computer science freshmen residents in a university dormitory setting
- Hosts computer science themed events/workshops and tutored residents with various computer science intro courses
- Serves as a liaison between residents and residence hall staff, as well as university administration

PROJECTS

HackBeanpot Main/Live Site — Typescript | React | Framer Motion | Jest

August 2022 – Present

- Engineered Testimonials, FAQs, Event Schedule components utilizing useState hooks, props, and style-components
- Spearheads the implementation of animations to bring out main and live sites to life using Framer Motion
- Implements responsive design to ensure optimal viewing experience on different devices

Email Sender Tool — Typescript | React | Next | MongoDB | Mailgun | Jest

May 2022 – August 2022

- Developed a design document detailing which frameworks and APIs to use based on research to design an efficient email tool base on company needs, budget, and target audience
- Programmed bulk email sender which allows the customized flexibility of prebuilt email templates
- Integrated Mailgun API for email sending and NextAuth for website authentication

Java Photoshop — Java | Java Swing | MVC | Command Design Pattern | TDD | J-Unit

Oct. 2022- December 2022

- Utilized Java Swing to develop a GUI based Image Processor with the ability to load and save new images and apply a variety of filters and transformations to an image
- Applied command pattern design, Model-View-Controller software architectural pattern, and Test-Driven-Development

THEATRICAL PRODUCTIONS

Malcolm – Lead: “Not Exactly Dope” by Terrance Kidd – Martha's Vineyard Playhouse

May 2022

M.I.T. Hacker – Supporting Lead: “The Inside Man” Season 4 – Twist & Shout Communications

November 2021