

# Harini Avula

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Availability: June - August 2025 | St. Paul, MN

## EDUCATION

**Northeastern University** | Khoury College of Computer Sciences **May 2027**  
**B.S. Computer Science and Economics** | **GPA:** 3.8/4.0 *Boston, MA*  
**Honors:** John Martinson Honors Program | Dean's List (3/3 semesters)  
**Coursework:** Object-Oriented Design | Algorithms & Data | Econometrics | Principles of Information Science

## TECHNICAL KNOWLEDGE

**Languages:** Java | HTML/CSS | JavaScript | R | Python  
**Frameworks:** React | Next.js | Node.js | Tailwind CSS | Material UI  
**Tools:** GitHub | Firebase | UiPath | Open AI | Figma | Microsoft Excel

## EXPERIENCE

**Automation Developer Co-op** | Citizens | *Westwood, MA* **Jan 2025 - Present**

- Implementing robotic process automation solutions using UiPath Studio, automating business processes, and streamlining tasks effectively
- Successfully collaborate with a cross-functional team to design, develop, and deploy RPA solutions, ensuring seamless integration with existing business systems

**Website Developer** | Forge at Northeastern | *Boston, MA* **Sept 2024 - Present**

- Optimize website performance with regular front-end updates, using Figma, JavaScript, CSS, Vite, React, and GitHub
- Boost site accessibility by refining the content management system, making key information easily available

**UX Designer** | Sandbox | *Boston, MA* **Jan 2025 - Present**

- Redesigning a web application that allows musicians and media makers to create accounts, submit content, and match seamlessly without relying on manual processes.
- Collaborating with clients and developers to refine UI/UX and improve workflow efficiency through multiple wireframes and iterations

**Research Assistant** | Northeastern DATA Initiative | *Boston, MA* **Sept 2024 - Dec 2024**

- Performed data collection, cleaning, structuring, analysis, and visualization with Python to support Professor Yakov's data analytics and technology applications projects

**Software Engineer** | Northeastern University's Student Government Association | *Boston, MA* **Nov 2024 - Jan 2025**

- Developed a web application with React and TypeScript to streamline students' Senator application, nomination, and tracking processes
- Collaborated in a Scrum environment and followed GitHub best practices for efficient team workflows

**Data Analyst Intern** | Aspire Institute | *Remote* **May 2024 - Jun 2024**

- Analyzed and organized various data metrics from 30,000+ recipients of alumni newsletters
- Developed 20+ visualizations using Google Sheets and Microsoft Excel to effectively communicate key findings
- Presented data-driven strategies that contributed to increased engagement and user retention for Aspire's content

## PROJECTS

**Employ.ai** **Aug 2024 - Sept 2024**

- Integrated OpenAI and Adzuna API with Next.js and Tailwind CSS for a customized job recommendation platform
- Allows users to input experience, location, and salary preferences, creating a tailored dashboard with job suggestions

**Pantry Inventory Tracker** **Jul 2024**

- Designed with React.js, Material-UI, Firebase, and Vercel to easily manage pantry inventory, featuring photo integration and recipe generation with Open AI

**Stock Portfolio Manager** | *Northeastern University* **Jun 2024**

- Developed using Java and Alpha Vantage API for stock data, to create, manage, and visualize portfolios
- Implemented a modular architecture, including controllers, models, and views, with comprehensive testing

## LEADERSHIP INVOLVEMENT

**Marketing Co-Director** | Oasis Software Development | *Boston, MA* **Jan 2024 - Present**

- Manage social media and email campaigns to promote club events, growing followers by 15%, account reach by 2,000, and expanding the mailing list by 300+ members in 3 months