Ezgi Bas

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Education

Northeastern University, Boston, MA   *Expected Graduation: December 2025*

Bachelor of Science in Computer Science and Mathematics

GPA: 3.88/4.00   Honors: Dean's List, Dean's Scholarship, VICEROY DECREE Scholar, Bradley E. Bailey Scholarship

Relevant Coursework: Artificial Intelligence, Algorithms & Data Structures, Object Oriented Programming

Experience

Frontend Engineer, Wood Mackenzie - Boston, MA   *January 2024 - June 2024*

➢ Managed and executed the development of 5 data analysis features by researching capabilities of current tools, creating product guides, and delegating tasks to a team of 7, resulting in successful deployment in 6 weeks

➢ Devised project guidelines by communicating with product managers and clients, organizing feature requests into modular tasks, ensuring an efficient workflow within team for 10+ stories across 5+ sprints

➢ Promoted knowledge sharing by collaborating on tasks and presenting at code-walks & demos, establishing team synchronicity

Financial Systems Engineer, Drift - Boston, MA   *January 2023 - July 2023*

➢ Initiated the development of automated testing by identifying a lack of automated testing strategies within team, achieving an increase of 80% in system stability and saving 90% of time spent on testing

➢ Collaborated closely with the Finance Operations team, product managers, and engineers, translating their input into the development of key features using Salesforce, DealHub, and NetSuite which improved the experience of the Finance Operations team

➢ Presented results of the testing project to 500+ people, including diverse stakeholders and the CFO, communicating the benefits and impact of the initiative

Skills

Programming Languages: JavaScript/Typescript, Java, Python, C, MATLAB

Technical Tools: Git/GitHub, AWS, Jira, Jenkins, SQL

Frameworks: React.js, Next.js, Node.js

Projects

Spreadsheet Clone | TypeScript, React, Project Management   *September 2023 - December 2023*

➢ Introduced a custom task-tracking system to a team of 4 to ensure an equitable division of responsibilities, guaranteeing project deadlines and criteria were met

➢ Designed a spreadsheet clone capable of performing statistical formulas, relative cell references, import/export operations, and styling using a Model-View-Controller structure

➢ Solved technical and team synchronization challenges by leading code-walks, managing design meetings, and creating UML diagrams which allowed team to meet quality standards of the project

File System | C, FUSE, gdb, Linux   *December 2022*

➢ Co-designed a linux file system capable of managing over 100 files and directories by overcoming challenges associated with component design and employing principles of abstraction, ensuring modularity and maintainability

➢ Developed essential file system operations like moving, deleting, renaming, and editing files by using knowledge of low-level system programming, allowing user to have a smooth and functional experience

Leadership

Founding Member, Turkish Student Association @ NEU   *January 2023 - Present*

➢ Conducted a notable philanthropic campaign to provide monetary aid and materials to Turkiye following multiple earthquakes, raising over $2000 and sending 40+ boxes of clothes and hygienic materials, earning recognition from Northeastern University and the General Consul of Turkiye

➢ Managed Northeastern University's relationship with the General Consulate of Turkiye organized events to promote government and student relations across Turkish students in the state, creating a connected community

Interests

Foreign Languages (Turkish, Spanish), Linguistics, Teaching, Classical Music (violin, piano, flute), Video Games