

Kidus Yohannes

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Portfolio Website: <https://kidusyohannes.github.io>

EDUCATION

Northeastern University

Boston, MA

Candidate for Bachelor of Science degree in Computer Science

Sep 2021 – May 2026

Coursework: Fundamentals of Software Engineering, Mobile Application Development, Computer Systems, Foundations of Data Science, Algorithms, Database Design, Object-Oriented Design, Computational Methods in Finance, Machine Learning in Finance.

Extracurriculars: ColorStackNEU, B.E.S.S (Black Engineering Student Society), E.E.S.A (Ethiopian and Eritrean Student Association)

SKILLS

Languages/Frameworks: Java, Python, Typescript, SQL, Swift, C#, Javascript, Node.js, React.js, Flask

IDEs: IntelliJ, Eclipse IDE, Microsoft Visual Studio Code and Microsoft Visual Studio, Xcode.

Software: Github, Slack, Azure Devops, Hashicorp Terraform, Docker, PostgreSQL, FireBase.

PROJECTS

SpreadSheet Application

- Engineered a custom spreadsheet application utilizing TypeScript and React.
- Implemented features include, bar graph visualization, row/column manipulation, save/load, search and replace as well as cell referencing.
- Crafted a user-friendly interface for a seamless and simple experience.

College Budgeting App

- Built an iOS app that aims at assisting college students with financial management
- Leveraging Firebase for seamless user authentication and data synchronization.
- Supports family circles for families who want to manage together .

Facial Recognition Software

- Developed a Python-based facial recognition system using React and PostgreSQL.
- Compares detected faces against a predetermined database.
- Designed a user-friendly interface for loading and analyzing images, improving ease of use for basic facial recognition tasks.

EXPERIENCE

Harvard, T.H Chan School of Public Health | Boston, MA
2024

January 2024 – June

Instructional Technologist, Co-op

- Conducted research on application implementation strategies to enhance academic technology integration.
- Implemented comprehensive UI updates to systematically improve course accessibility.

Vallen Distribution, Inc | Remote

July 2023 – Sep 2023

DevOps Engineer, Intern

- Enhanced security of Azure DevOps YAML pipelines through strategic code development and deployment.
- Automated Azure Service Bus message broker infrastructure using HashiCorp Terraform optimizing cloud messaging systems.

Interests Section

Traveling, Skiing, Video Games, Movies, Basketball, Hiking, Photography.