

Caden Buckhalt

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Summary

Full-stack software engineer with a public health background, committed to leveraging technology for equitable solutions in healthcare.

Experience

Northwestern University - Network Canvas | IL, Chicago

Junior Developer | 03/2023 - Present

- Full-stack development of a typesafe Next.js app for networks surveying, from inception.
- Led development of an internal error and analytics microservice, including a frontend dashboard, a npm package for exposing methods and types, and integration with the networks surveying application.
- Maintained existing desktop software utilized in public health and research.
- Communicated with users to understand needs, design software, and find and fix bugs.

Northwestern University - Institute for Sexual and Gender Minority Health and Wellbeing | IL, Chicago

Data Assistant | 10/2020 - 03/2023

- Developed, tested, and maintained an application to summarize and analyze collected patient data.
- Found and fixed bugs in cross-platform desktop apps with JavaScript and React.
- Designed and developed project websites.
- Cleaned social networks data in R.

Riaforce | NY, New York

Software Engineer | 05/2018 - 02/2020

- Designed and developed data visualization applications in Python to solve problems in the financial, chemical, healthcare, and shipping industries.
- Co-founded and directed the start-up.

Qloo | NY, New York

Machine Learning Intern | 06/2017 - 08/2017

- Developed, trained, and tested algorithms for Deep Learning data science to understand and predict consumer taste globally.

Skills

TypeScript, JavaScript, React, Next.js, Prisma, PlanetScale, tRPC, Turborepo, Docker, Git, Tailwind CSS, NextAuth, Clerk, MySQL

Education

New York University | New York, NY

Global Public Health | B.A. | 09/2020

- Received the Martin Luther King, Jr. Scholarship.
- Completed courses in computer science and biostatistics.

Certificates

Google UX Design Certificate