

Christopher Straka

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Education

Master of Science in Computer Science , Georgia Institute of Technology	Expected Aug 2026
Bachelor of Science in Computer Science , Western Governors University	2024
Bachelor of Arts in Economics , University of Calgary	2018

Skills

HTML, CSS, JS, TS, React, NodeJS, Java, PostgreSQL, Git, Docker, Linux, GCP

Projects

Decentralized Crowdfunding DApp

<https://github.com/chris-straka/pethreon>

<https://pethreon.cstraka.dev>

Deployed a decentralized crowdfunding application to the Sepolia test network on Ethereum. The frontend uses React TS, SCSS and other libraries like framer-motion and onboard.js to power elegant page transitions and web3 modals. It also makes use of next generation tooling such as Vite and Hard Hat for testing and debugging smart contracts.

Personal Website (Blog/Portfolio)

<https://github.com/chris56974/personal>

<https://cstraka.dev>

Created a personal blog website using performant frontend web technologies. It uses content driven MDX files powered by Astro, Preact, TS, and native CSS. The blog includes novelty items like an interactive terminal emulator that makes use of basic UNIX commands.

Bug tracker (in progress)

<https://github.com/chris-straka/bugtracker>

Implemented integration tests for a bug tracking application using docker compose and jest. The app is an express API written in TS. Development is done under a TDD approach with integration tests. The app uses RBAC for routes that control tickets, projects and users. The project has strong separation of concerns, middleware, models, and controllers.