

Bradley Goldsmith

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He/him/his

EDUCATION

Georgia Institute of Technology

Starting Jan. 2025

- *M.S. in Computer Science, part-time online degree program*

The University of Chicago

Graduated Jul. 2021

- *B.A. with Honors in History of Science, Minor in Computer Science*
- *3.75 GPA, Received Honors for Bachelor Thesis Project, Graduated with Honors, Dean's List*

SKILLS

Programming / Coding: Javascript, Golang, C, Java, HTML + CSS, python, C++; SQL, CQL, GraphQL; React, Node

Software / Frameworks: Git, REST APIs, databases, IntelliJ, CI/CD; Linux, Windows; JSON, XML; CMS (Sanity)

Languages: Spanish (Proficient), German (Proficient)

PROJECTS & EXPERIENCE

TD Securities | Strategio, NYC

Nov. 2022–present

Fullstack Web Developer (contractor through Strategio)

- Design, code, test, and integrate features for the API Platform, an API Gateway for the investment bank that enables developers to: host and configure their services and APIs, register host servers and DNS, expose data and subscribe to other APIs, and generate documentation, among other features.
- Took ownership of the Health Service, which provides real-time Envoy Proxy Server status and configuration details that are critical to the maintenance of apps and APIs. Implemented an application cache for this service, provide front- and backend bug fixes across the wider platform's codebase, and write comprehensive integration and unit tests for all code pushes.
- Leveraged my ability to creatively problem solve and troubleshoot complex software and web problems independently, and in close collaboration with fellow engineers.
- Completed 8-week DevOps and training course offered by contracting company Strategio, including training in scrum, CI/CD environments, and enterprise technologies such as AWS and Java Spring.

whiteowlrecords.xyz | Freelance, NYC

May 2023–present

Website Manager and Project Coordinator

- Design, build, configure, and maintain website for whiteowlrecords, a record label and blog. Created website and content management system according to client requirements, allocated infrastructure and set up a CI/CD pipeline between code repos and Netlify host servers for the CMS and React sites.
- Powered by Gatsby, React, and Sanity CMS, the website is organized into blogs for culture pieces and interviews, with embedded music streaming and an events board.

Personal Website – bradleygoldsmith.org

- Designed and developed a responsive, single page web application using React.js for displaying career updates, games, projects (research and software), and blog posts. Uses a bright, mobile-first design.
- Leveraged GitHub for version control and set up a CI/CD pipeline with GitHub Actions, deploying the site to Netlify servers automatically upon push.
- Configured site infrastructure, including a custom domain, allocation of production servers, acquiring an SSL certificate for HTTPS, and implementing CORS.

GRANTS & AWARDS

Summer Institute Research Grant from University of Chicago

July–Sept. 2020

- Conducted original research on the history of NYC's 19th century Croton Aqueduct Project.
- Produced a creative non-fiction essay from my research and presented project at symposium.

Foreign Language Acquisition Grant from the University of Chicago

July–Sept. 2019

- Studied German in Wittenberg and Freiburg.