Bradley Goldsmith

bradleygoldsmith14@gmail.com | GitHub | LinkedIn | Personal Website

EDUCATION

Georgia Institute of Technology   Current Student
Masters in Computer Science, *College of Computing*

The University of Chicago   Graduated 2021
B.A. with Honors in <u>History of Science</u> *and a minor in* <u>Computer Science</u>
—*Received Honors award for Bachelor Thesis Project, Graduated with Honors*, *Dean's List*

SKILLS

Web Development: Golang, JavaScript, React, Node
Programming Languages: Golang, Java, C, python   **Tools**: IntelliJ, Git, Jira
Languages: German (fluent), Spanish (proficient), English (native)
Soft Skills: Problem-Solving, Adaptability, Attention to Detail, Communication

EXPERIENCE AND PROJECTS

TD Securities | Strategio   *New York, NY* | November 2022-present
Fullstack Web Developer (contractor through Strategio)

- Design, code, test, and integrate features for the API Platform, an API Gateway for investment banking microservices that ensures constant availability and network security for billion dollar transactions.
- Built and took ownership of various APIs and microservices, for example: implemented an application cache for the API Health Service, which provides real-time availability data for servers, and decreasing API response time by 80%; proposed and built a separate Metrics API with an HTTP REST and gRPC server written in Golang, to calculates business- and security metrics for APIs hosted on the platform. Decoupling this API from the microservices collection it was a part of improved backend performance significantly.
- Provide front- and backend bug fixes across the wider platform's codebase, and write comprehensive tests for all code pushes, at minimum 80% code coverage.
- Create documentation for new APIs and endpoints, and wrote an internal "Getting Started with Golang" onboarding document to aid new developers interested in utilizing Golang within the TD organization.
- 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.com (Freelance)   *New York, NY* | May 2023-present

- Design, build, configure, and maintain website for *whiteowlrecords*, a record label and blog.
- Powered by Gatsby, React, and Sanity CMS, the website is organized into blogs for culture pieces, audio analysis, and music streaming. Implements a brutalist design aesthetic.
- Integrated with a separate web app "Dashboard" where site owners can update content without needing an engineer to redeploy the static website. Configured a CI/CD pipeline, so that when changes are published via the Sanity Dashboard, the site fetches all content from Sanity with GraphQL Queries, makes the necessary changes to the Build, and then deploys it to netlify.

Personal Website - bradleygoldsmith.org

- Designed and developed a responsive, Single Page web Application using React and Javascript for displaying achievements and life updates. Uses a clean, 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.

LEADERSHIP & AWARDS

- Awarded 2020 Summer Institute research Grant from Univ. Chicago Research and Fellowships Office
- Awarded 2019 Foreign Language Acquisition Grant from Univ. Chicago for German Language study.