

Bradley Goldsmith

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

he/him/his

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 History of Science and a minor in Computer Science

—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 running banking applications; created the Metrics API, which calculates business- and security-relevant metrics for APIs hosted on the platform, and is available via an HTTP REST and gRPC server written in Golang.
- 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.

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.