

Matthew Barton

Seeking full-time Software Engineer position after
May 2022 graduation with BS in Computer Science

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Experience

Coinbase • Software Engineer Intern

May 2021 - August 2021

- Developed Golang microservice exposed through gRPC protobufs
- Created GraphQL query schema and resolvers for protobuf endpoints
- Designed and implemented custom OAuth 2.0 flow for SSO unified login experience
- Configured Docker container to run in local and cloud environments
- Wrote usage and maintenance documentation for post-internship
- Delivered project on time that 12 other teams depended on

Trinity University • Head ACM Tutor

August 2019 - Present

- Leading Trinity's CS tutoring program through hiring, training, and managing staff
- Assisting CS students with course content and assignments
- Planning events for ACM chapter through Vice President role

SRC Inc. • Software Engineer Intern

May 2020 - August 2020

- Resolved debugging, UI redesign, and usability feature tickets in large Java codebase
- Conducted feasibility study to enhance software performance and maintainability
- Wrote 10 page document on feasibility study and gave my recommendation to proceed
- Collaborated with full-time developer on new frontend to ensure project's completion post-internship

Education

Trinity University • BS in Computer Science

August 2018 - May 2022

Cumulative GPA: 3.64 | Major GPA: 3.78 | Mathematics minor

Awards: Dean's List x2, Trustees' Scholarship

Involvement: ACM Vice President, Intramural Basketball, Fantasy Sports and Analytics Club

Coursework

Web Application Design,
Computer & Network Security,
Database Systems, AI, Game AI,
Software Engineering, Java,
UNIX Tools, Data Structures,
Algorithms, Competitive
Programming

Skills

Principles • Web Development, Databases, AI, OOP, Agile,
Algorithms, Data Structures

Languages • Java, Scala, JavaScript, Python, Go, Haskell,
PostgreSQL, C/C++, Shell

Technology • Git, Docker, GraphQL, Protobufs, gRPC, REST, React,
Bootstrap, Express.js, Flutter, Heroku