

Toby Glover

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EDUCATION

Tufts University School of Engineering

May 2019

B.S. in Computer Science, Minor in Entrepreneurship

GPA: 3.60 / 4.00, Magna Cum Laude

Relevant course work: *Distributed Systems, Networks, Android Development, Data and Machine Structures, Programming Languages, Web Programming, Computation Theory, Algorithms, Concurrent Programming, Calculus*

WORK EXPERIENCE

Instagram

August 2019 - Present

Lead Android Engineer, Reels Engagement

New York, NY

- Built and launched high-profile features such as the Reels tab and full-screen videos in Home
- Drove deeper product understanding within the organization by distilling findings from data science and user research into testable prototypes
- Worked closely with other engineers to make sure their projects were set up for success from both a technical and process perspective
- Dedicated time to performance and efficiency improvements in service of engagement wins

Instagram

May - August 2018 (12 weeks)

Software Engineering Intern, Developer Velocity

New York, NY

- Redesigned internal webapp for engineers to manage their A/B tests and other experiments
- Integrated new diagnostic features to make debugging new features easier for engineers
- Led meetings with engineers to discuss architecture design trade offs and with designers to work on UI requirements

Tufts University

September 2017 - May 2018

Teaching Assistant - Web Programming

Somerville, MA

- Helped students grasp concepts such as the client-server model, asynchronous tasks, and database systems
- Reviewed student code for both improvements and functional correctness
- Held office hours

Facebook

May - August 2017 (12 weeks)

Software Engineering Intern, Lead Ads Product

Menlo Park, CA

- Refactored majority of product's Android codebase to make it more extensible and maintainable. Used these changes to build new features that would have otherwise been impossible
- Analyzed data from A/B tests to make meaningful product decisions
- Built new customer-facing tools in Ads Manager using React

Switch Media

October 2015 - May 2016

Application Architect and Developer

Medford, MA

- Designed and built Presto, an Australian video on demand service similar to Hulu, for the Roku streaming platform on contract basis
- Performed code reviews on the two other members of development team

Switch Media

September 2014 - May 2015

Support Engineer and Back-End Programmer

Sydney, Australia

- First point of contact for clients including Foxtel, the largest cable company in Australia
- Sole on-site representative to provide support to Yahoo! 7 at the Australian Open Tennis Tournament
- Built custom internal and client-facing web tools using PHP, HTML, JavaScript

SKILLS

Languages

Kotlin, Java, JavaScript, Python, C/C++, HTML, CSS, PHP, LaTeX

Frameworks

Jetpack Compose, React, React Native, Redux, Node, Django, MySQL

Tools

Android Studio, Unix, Mercurial, Git & Github, SVN