

# Toby Glover

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## WORK EXPERIENCE

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### Instagram

August 2019 - Present

*Lead Android Engineer, Reels Engagement*

*New York, NY*

- Build and launch company-priority features such as the Reels tab and full-screen videos in Home
- Communicate directly with product managers and designers across teams to keep engineering and product closely aligned and get features out quickly
- Use findings from data science and user research to create testable prototypes and drive deeper Reels product understanding within Instagram
- Mentor other engineers both on and outside my team to ensure their projects are set up for success from technical and process perspectives
- Dedicate time to performance and efficiency improvements in service of engagement wins, such as migrating the surface to AndroidX components and optimizing prefetch cache usage

### 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 their code for improvements and functional correctness

### Facebook

May - August 2017 (12 weeks)

*Software Engineering Intern, Lead Ads Product*

*Menlo Park, CA*

- Refactored majority of team's Android codebase to make it more extensible and maintainable. This modularization expanded the surfaces in which the product could be used
- 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 platform
- Gathered and shared best practices for developing on Roku with 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 10 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

## EDUCATION

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### Tufts University School of Engineering

*May 2019*

B.S. in Computer Science, Minor in Entrepreneurship

Magna Cum Laude

## SKILLS

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### 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