

Toby Glover

540.817.1915 | William.Glover@Tufts.edu | tobyglover.com

EDUCATION

Tufts University School of Engineering

Expected May 2019

B.S. in Computer Science

GPA: 3.64 / 4.00, Dean's List (Fall 2015 - Present)

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

PROJECTS & STARTUPS

BarBud

Phone and Web application that allowed patrons to order drinks from their phone when at a bar or club

- Built app using React Native and Redux
- Coordinated with rest of development and marketing team to build new features
- Continued support and development with weekly updates to both iOS and Android

WikiLinks

Web app for the 6 degrees of Wikipedia game

- Single load web app utilizing React and AJAX calls to transition between pages without reload
- Server-side rendering of React for faster load and crawling of HTML by bots
- Built entire backend using Node.js, allowing for code sharing between front and back ends

WORK EXPERIENCE

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

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

Frameworks

React, React Native, Redux, Node, MySQL, MongoDB, Django

Tools

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