Toby Glover

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EDUCATION

Tufts University School of Engineering, Boston *Expected May 2019*
B.S. in Computer Science
GPA: 3.50 / 4.00, Dean's List (Fall 2015 - Present)
Relevant course work: *Data Structures, Algorithms, Web Programming, Machine Structures and Assembly Language Programming, Android Mobile Development, Calculus*

PROJECTS

DejaView
Service that allowed anyone to create private and anonymous photo albums where any user with the access code could upload and view full-resolution photos
· Built entire backend using LAMP stack and AWS S3 cloud storage
· Served API and images for Android and iOS applications and frontend website
· Built uploader API to handle full-resolution photo uploads from all three platforms

TwoCents
Android application, users anonymously post questions for others in their area to vote on the best solution
· Built entire backend API using LAMP stack
· Used Haversine formula to find questions within a radial distance from a user coordinate
· Built app features such as creating new posts and viewing nearby posts

WORK EXPERIENCE

Switch Media September 2014 - May 2016
Australia's industry leader in storing, encoding, and distributing live and on-demand video content

Application Architect and Developer October 2015 - May 2016
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

Support Engineer and Back-End Programmer September 2014 - May 2015
Sydney, Australia
· First point of contact for clients including Foxtel, the largest cable company in Australia
· Sole on-site representative of Switch Media to provide support to Yahoo! 7 at the Australian Open Tennis Tournament in Melbourne, where Switch provided live streams for all 14 courts
· Built custom internal and client-facing web tools using PHP, HTML, JavaScript
· Wrote server-side scripts to analyze internal workflow data and determine bottlenecks

Camp Foley June - August 2016 (9 weeks)
Camp Counselor and Trip Leader *Pine River, MN*
· Planned and executed events for approximately 160 people
· Taught high-intensity activities including archery and rock climbing

Washington & Lee University September 2013 - March 2014
Intern in Sound Engineering Studio *Lexington, VA*
· Built amplifiers and other recording equipment
· Sole engineer on various recording sessions, both in the studio and live

SKILLS

Languages	BrightScript, C/C++, PHP, HTML, CSS, JavaScript, Python, Java, LaTex
Frameworks	React, Django, Node, MySQL, MongoDb
Tools	Unix, Apache, Git & Github, SVN, Android Studio

EXTRACURRICULAR ACTIVITIES

Tufts Marathon Team	*September 2016 - Present*
Tufts Computer Science Exchange	*September 2015 - Present*
Tufts Democrats Club	*September 2015 - Present*