

## EDUCATION

### University of Maryland, College Park

BS in Computer Science

BS in Finance

QUEST Honors Program

Entrepreneurship/Innovation Program

Dingman Jumpstart Program

Expected: May 2019

GPA: 3.79

## COMPUTER LANGUAGES

Java | C | Ruby | Visual Basic

HTML | CSS | Javascript | JQuery

Bootstrap | Ruby on Rails | Git

Exposure to SQL, UNIX

## SOFTWARE SKILLS

Atom | Visual Studio | Eclipse | Heroku

Adobe (Photoshop, InDesign,

Lightroom, After Effects, Muse)

## PROJECTS

### Netscout Manager Reporting Tool

[netscout.timothychen.me](http://netscout.timothychen.me)

Ruby on Rails web-app automating  
scrum of scrums report generation by  
querying Rally APIs and analyzing team  
performance data

### Lyrics Sanitizer

[lyrics-sanitizer.herokuapp.com](http://lyrics-sanitizer.herokuapp.com)

Ruby on Rails web-app that analyzes  
song lyrics and sanitizes it based on  
default or user-entered explictives

### QUESTify Photo Filter App

[questify-umd.herokuapp.com](http://questify-umd.herokuapp.com)

Flask server integrated with Facebook  
OAuth to generate QUEST branded  
profile photos

### SquareUp

[github.com/timothychen01/square-up](https://github.com/timothychen01/square-up)

Redesigned the Computer Science  
Undergrad event registration page  
using HTML/CSS/JScript (in progress)

## LINKS

[TimothyChen.me](http://TimothyChen.me)

[Linkedin.com/in/TimothyChen01](https://www.linkedin.com/in/TimothyChen01)

[Github.com/TimothyChen01](https://github.com/TimothyChen01)

## WORK EXPERIENCE

### Netscout, Software Engineering Intern

(Summer 2016)

- Developed a Ruby on Rails web application to analyze team productivity, eliminating five man hours of manual chart and metric generation per week
- Queried Rally Web Services and Lookback APIs to automatically generate and save report data in sqlite and postgres databases
- Rendered data into beautiful and responsive charts using Highcharts.js
- Secured app through HTTP Basic Authentication and deployed to Heroku
- Implemented Resque/Redis background processing
- Crafted an intuitive and responsive dashboard using HTML with embedded Ruby, CSS, Javascript, JQuery, and Bootstrap
- Fixed legacy code inaccuracies for generating defect severity metrics

### Triple G, LLC, Chief Technology Officer

(2015 - Present)

- Generated widespread exposure (30 million views within a month) for social media accounts by creating video advertisements
- Delivered services such as domain management and responsive web design
- Designed and launched a mobile-friendly site for Double Trouble Creatives
- Updated and launched iOS applications using Swift and XCode

### Fidelity Direct Mortgage, Marketing and Design Intern

(Summer 2015)

- Developed personalized marketing campaign and organized a database of 4,000+ clients to easily differentiate different types of clients
- Designed 50+ customizable property, product, ad, and info fliers

## LEADERSHIP EXPERIENCE

### Bitcamp Hackathon, Director of Logistics

(2015 - Present)

- Budgeted \$180,000+ for food, facilities, security, travel, and other expenses
- Led team of 20+ organizers in planning and logistics discussions
- Guided sponsors and acted as point of contact for Oculus VR
- Ensured reliable multimedia and A/V, facilities management, and food for UMD's national hackathon to accommodate 1,200+ participants
- Designed floor plans for event venue to strategically place food lines, A/V equipment, sponsor tables, hacking space, and volunteer center

### Honors College Student Programming Council, President

(2015 - Present)

- Coordinated with Honors College faculty and staff and lead a team of ten to plan and execute social events with annual budget of over \$10,000
- Designed a new student council website for the Honors College

### Smith Undergrad Student Association (SUSA), Webmaster

(2015 - Present)

- Provided domain management and Wordpress installation to member clubs
- Constructed a smart quiz to programmatically recommend a business-related club or organization based on student responses
- Resolved design issues and relaunched SUSA's official Wordpress website

### MD Future Business Leaders of America, State Webmaster

(2014 - 2015)

- Provide web and design support for officer teams ([www.mdfla.org](http://www.mdfla.org))

## AWARDS AND ACHIEVEMENTS

▪ University of Maryland President's Scholarship (2015 - Present)

▪ Dean's List (CMSC and Smith School of Business) (2015 - Present)

▪ 2nd Place, 1&1 Cloud API Challenge, YHack (2016)

▪ 1st Place, Entrepreneurship and Innovation Case Competition (2016)

▪ 2nd Place Overall, Daemon Dash Hackathon (see *SquareUp*) (2015)

▪ 1st Place, CS Undergrad Challenge, Daemon Dash (see *SquareUp*) (2015)

▪ National Merit Scholarship (College-sponsored) (2015)

▪ John Harvey Memorial Scholarship, MDFBLA Board of Directors (2015)

▪ Microsoft Office Specialist in Word, Excel, and PowerPoint 2010 (2015)