

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 | C++ | Visual Basic

HTML | CSS | JScript | JQuery

Bootstrap | Ruby on Rails

Exposure to SQL, UNIX,

Swift, Python

SOFTWARE SKILLS

Atom | Visual Studio | Eclipse

Heroku | GitHub

Adobe (Photoshop, InDesign,
Lightroom, After Effects, Muse)

Microsoft Office Suite

PROJECTS

Lyrics Sanitizer

lyrics-sanitizer.herokuapp.com

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

SquareUp

timothychen01.github.io/square-up

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

MDFBLA Website

www.mdffbla.org

Launched a modern and dynamic
website based in Weebly's content
management system with customized
HTML and CSS code to provide an
aesthetic web presence and allow for
simple site editing for future
webmasters

LINKS

TimothyChen.me

Linkedin.com/in/TimothyChen01

Github.com/TimothyChen01

WORK EXPERIENCE

Netscout, Software Engineering Intern

2016 - Present

- 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)

- 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
- Set up and managed official officer team email accounts

MIT Zero Robotics Programming Challenge, Project Manager

(2014 - 2015)

- Led an international team of 45 programmers collaborating on a SPHERES satellite program to compete against other teams' strategies
- Wrote and reviewed C++ code to choose best strategy to submit each day, placing 13th of 126 in initial round, 2nd of 13 in Virtual Finalists Round

AWARDS AND ACHIEVEMENTS

- 2nd Place Overall, Daemon Dash Hack-a-Thon (*see SquareUp*) (2015)
- CS Undergrad Challenge Winner, Daemon Dash (*see SquareUp*) (2015)
- University of Maryland President's Scholarship (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)