TIMOTHY CHEN

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EDUCATION

University of Maryland, College Park
BS in Computer Science and Finance
QUEST Honors Program
Entrepreneurship/Innovation Program
Expected: May 2019 | GPA: 3.89

COMPUTER LANGUAGES

Java | C | Ruby | Visual Basic | Git
HTML | CSS | Javascript | Bootstrap
jQuery | Node.js | Ruby on Rails
Exposure to SQL, UNIX

SOFTWARE SKILLS

Atom | Visual Studio | Eclipse | Heroku
Adobe (Photoshop, InDesign, Lightroom,
After Effects, Muse)

PROJECTS

Alexagram
devpost.com/software/alexagram
Holographic virtual assistant controlled via
Amazon Alexa

Dinezen
http://www.dinezen.com
Personalized meal recommendations
based on dietary targets and restrictions

Netscout Manager Reporting Tool
netscout.timothychen.me
Ruby on Rails web-app automating scrum
of scrums report generation by analyzing
team performance data

UMD Google Cal Schedule Importer
gcal-importer.timothychen.me
Chrome Extension that imports a UMD
course schedule into Google Calendar

Lyrics Sanitizer
lyrics-sanitizer.herokuapp.com
Ruby on Rails web-app that analyzes song
lyrics and censors explicatives

QUESTify Photo Filter App
questify-umd.herokuapp.com
Flask server integrated with Facebook
OAuth to generate QUEST branded
profile photos

Ecofy
PowerPoint Add-In/Macro to optimize a
presentation for printing

SquareUp
github.com/timothychen01/square-up
Redesigned the Computer Science
Undergrad event registration page using
HTML/CSS/JScript (in progress)

WORK EXPERIENCE

Appian, *Software Engineering Intern*   *(Summer 2017)*
- Implemented user-facing components in React.js as part of the Modern UI project, a major initiative to revamp Appian's front-end framework and transition from GWT
- Assisted in documenting internal functions in SAIL (Appian's own programming language) to increase productivity and knowledge of newer engineers

Netscout, *Software Engineering Intern*   *(Summer 2016)*
- Developed a Ruby on Rails web application to analyze team productivity, eliminating five man hours of menial 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 - 2017)*
- 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

LEADERSHIP EXPERIENCE

Bitcamp, *Co-Executive Director, previously Logistics Director*   *(2015 - Present)*
- Managed $195,000+ for food, facilities, power, network, and other expenses
- Led team of 40+ directors and organizers in planning and executing logistics tasks
- Ensured reliable multimedia and A/V, facilities management, and food for UMD's national hackathon to accommodate 1,300+ participants
- Designed floor plans for event venue to strategically place food lines, A/V equipment, sponsor tables, hacking space, and volunteer center

Smith Undergrad Student Association, *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
- Revamped SUSA's Wordpress website, built with future maintainability in mind

Honors College Student Programming Council, *President*   *(2015 - 2017)*
- 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

AWARDS AND ACHIEVEMENTS

- University of Maryland President's Scholarship   *(2015 - Present)*
- Dean's List (CMSC and Smith School of Business)   *(2015 - Present)*
- 3rd Place, a16z Battle of the Hacks 4.0 (*see Alexagram*)   *(2017)*
- 2nd Place, Deloitte Consulting Case Competition (UMD)   *(2017)*
- 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)*