Tyler J. Durden

tyler@tylerjdurden.com | 281.919.6619
tylerjdurden.com

EDUCATION

TEXAS A&M UNIVERSITY
BS in Computer Science
Expected May 2018
Cum. GPA: 3.83 / 4.0
Major GPA: 4.0 / 4.0
Conc. in Mathematics
Dean's List

LINKS

GitHub: tylerjdurden
LinkedIn: tylerjdurden
Website: tylerjdurden.com

COURSEWORK

HONORS & GRADUATE
Operating Systems
Combinatorics
Computer Organization
Comm. and Cryptography 1 & 2

UNDERGRADUATE
Data Structures and Algorithms
Artificial Intelligence
Programming Languages
Linear Algebra
Programming Studio
Computer Systems

SKILLS

LANGUAGES + TECHNOLOGIES

Experienced:
• JavaScript / Node.js
• C & C++
• Python
• Java

Familiar:
• Haskell
• PHP
• Android
• Hadoop
• Bash
• HTML & CSS
• SQL

EXPERIENCE

LINKEDIN | Software Engineering Intern
May 2017 - August 2017 | Sunnyvale, CA
- Developed progressive, service worker based system for caching API data
- Improved LinkedIn load times by 1.6 seconds, representing 50.4% faster page render time
- Created native-app-like experience on the web, including offline functionality

MICROSOFT | Student Partner
January 2017 - May 2017 | College Station, TX

- Taught monthly workshops on a variety of topics in technology
- Designed and built interactive lessons on modern web technologies, including Node.js, Websockets, GitHub Pages, etc.
- Collaborated with department faculty to market and advertise workshops

USAA | IT Intern - Business Intelligence
May 2016 - August 2016 | San Antonio, TX

- Created a RESTful API backend as a web application for automated testing. Sped up model testing and replacement by an order of magnitude
- Assisted "Anticipate, Detect, Respond" team in creating a call-routing model to better service members over the phone
- Implemented programmatic improvements to $6MM automotive vehicle reports model

OCEUS NETWORKS | Software Engineering Intern
May 2015 – Aug 2015 | Plano, TX
- Developed parsing application in PHP for managing remote alarms in 4G LTE boxes
- Built automatic authentication for in-house reporting engine using JavaScript

PROJECTS AND AWARDS

2016 **Overhear**
Designed and implemented streaming audio platform at HackRice
Leveraged Go, Electron with Node.js, Python, and Websockets
Winner - HackRice/MLH prize for "Best Use of Amazon's AWS"

2016 **Kinvest**
Built platform to help Kiva micro-lenders generate more impact
Used machine learning and data analysis tools in Python
Winner - HackMIT BNP Paribas prize for "Most Insightful Hack"

2016 **Telegram Bots**
Developed two bots for Telegram, a messaging application.
Used Node.js, Telegram API, imgur API, and Spotify API

2016 **Dwight Look College of Engineering Dean's List**
Awarded to students who receive $\geq$ 3.75 GPA

2016 **CSE Industrial Affiliate Program Scholarship**
Received merit-based scholarship from affiliate of CSE department

2015 **ilumi-therapy**
Treats patients receiving light therapy using ilumi smart bulbs
Winner - HackDFW ilumi Sponsor Prize