

Tyler J. Durden

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tylerjdurden.com

EDUCATION

TEXAS A&M UNIVERSITY
BS IN COMPUTER SCIENCE
Graduated May 2018
GPA: 3.87 / 4.0
Minor 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

- Info. Storage & Retrieval
- Artificial Intelligence
- Data Structures and Algorithms
- Programming Languages
- Linear Algebra
- Programming Studio
- Computer Systems
- Methods of Combinatorics

SKILLS

LANGUAGES + TECHNOLOGIES

Experienced:

- JavaScript / Node.js
- Ember.js
- HTML & CSS
- C++
- Python
- Java

Familiar:

- Android
- Ruby on Rails
- PHP
- Haskell
- Hadoop
- Bash
- SQL

EXPERIENCE

LINKEDIN SOFTWARE ENGINEER

September 2018 - Present | New York, NY

- Overhauled and redesigned the LinkedIn profile page, which resulted in a 12% increase in user engagement on the page
- Led new Open To Opportunities feature for web, coordinating with partner team, design, and product owners

LINKEDIN SOFTWARE ENGINEERING INTERN

May 2017 - August 2017 | Sunnyvale, CA

- Developed progressive, service worker based system for caching API data
- Improved LinkedIn.com 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

- Designed and built interactive lessons on modern web technologies, including Node.js, Websockets, GitHub Pages, etc.
- Taught monthly workshops on a variety of topics in technology
- 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 ~10 times
- Assisted "Anticipate, Detect, Respond" team in creating a call-routing model to better service members over the phone
- Implemented programmatic improvements to \$6M automotive vehicle reports model

PROJECTS AND AWARDS

- | | |
|---------|---|
| 2016-18 | CSE Industrial Affiliate Program Scholarship
Received merit-based scholarship from affiliate of CSE department |
| 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 |
| 2015 | ilumi-therapy
Treats patients receiving light therapy using ilumi smart bulbs
Winner - HackDFW ilumi Sponsor Prize |