

CHRISTOPHER DENNY

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EDUCATION

The University of Texas at Austin – GPA: 3.74 / 4.0

May 2018

B.S. in Computer Science, Turing Scholar Honors

Thesis: [Mirovia](#) - A Benchmarking Suite for Modern Heterogeneous Computing

WORK EXPERIENCE

Rubrik – Software Engineer, *Infinity VMware Team*

September 2018 – Present

- Architected snapshot data service that processes 70% of all customer data
 - Improved backup stability by 80% and increased backup speed by 70%
 - Patented a mechanism for serializing asynchronous requests during ingest
- Designed flexible SLA assignment through vSphere tags, opening up \$10 million in new sales opportunities
- Implemented support for backing up VMware on AWS workloads, enabling sales to cloud-based customers
- Refactored sections of codebase for faster and more reliable builds

Drawbridge – Software Engineer Intern, *Ads Backend Team*

June 2018 – August 2018

- Re-architected real-time HTTP cookie processing server in Golang
 - Reduced server operational footprint by 80% and lowered P99 query latency by 60%
- Added filtering support to Drawbridge RichQuery API to improve end user experience

Facebook – Software Engineer Intern, *Service Discovery Team*

May 2017 – August 2017

- Implemented batching server for internal service discovery infrastructure
- Mitigated service update requests during shard migrations

Square Inc – Software Engineer Intern, *Security Infrastructure Team*

May 2016 – August 2016

- Created Certigo, an open source CLI to dump TLS certificate information – github.com/square/certigo
- Created Sharkey, an open source service to automate OpenSSH certificate security – github.com/square/sharkey

PROJECTS

VisualLED – github.com/christodenny/visualed

October 2017

- Raspberry Pi powered RGB LED light strip that syncs lights to music
- Utilizes digital signal processing and fast fourier transforms for real time volume and pitch visualization

Tinder Plus – *HackMIT*, [Top 10 overall](#)

September 2015

- iOS hack that automatically swipes for users on Tinder
- Learns user dating preferences through Clarif.ai image processing and deep learning

SKILLS

Languages

- Java, C, C++, Python, Golang, Scala, SQL, HTML, JavaScript, CSS, PHP

Frameworks

- Bazel, Thrift, Docker, OpenSSL, CUDA

LEADERSHIP AND VOLUNTEERING

- Helped run Community Initiative Program at Rubrik

November 2018 – Present

- Organized 2 off-sites for recent graduates to foster sense of belonging among new hires
- Held monthly community sessions for recent graduates to provide feedback to the company

- Served as technical and social mentor for a Rubrik intern who returned for full time position

May 2019 – July 2019