

Dalton Cherry

Austin, TX

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Experience

Systems Engineer at Cloudflare

Apr 2019-Present

- Worked on a zero trust security product. Updated distributed, edge services for authorization, logging, and metrics. Worked on an SSH role-based access control authentication via proxy tunnels. Designed, deployed, and maintained a cloud based infrastructure with terraform. This included private network services, an authentication gateway, cloud functions, databases, and a managed kubernetes cluster. Created and deployed several Go services via Kubernetes that interacted with different services such as Postgres, Kafka, and Clickhouse. Worked on a global consumer VPN iOS app.

Software Engineer at JASK

Dec 2018-Mar 2019

- Worked on and completely refactored a data ingestion project that collected data from multiple sources in Go. These sources included cloud APIs, syslog listeners, and a network traffic listener. The data was processed, normalized, spooled, and uploaded to an API. The project worked as both a cloud and on-premise process that could handle over 10,000 events per second.

iOS Developer at Big Nerd Ranch

Jan 2018-Dec 2018

- Worked with multiple companies including well known Fortune 500 companies on developing iOS apps across multiple domain needs. This included custom UI, API integration, and frameworks using different software patterns.

Co-Founder at Vluxe

Mar 2015-Present

- Contracted Dollar Shave Club's iOS app for over 2 years. Tasks included: An iOS animated WebP viewer, most of the custom animations, transitions, and UIs, and many of the API implementations. Transitioned the app from a primarily Objective-C codebase to a Swift. Maintained a 99% crash free usage with over 100k+ daily users. Grew the app from initial launch to over half million downloads. Won the 2017 Webby Design Award Winner for Best Shopping App.
- Contracted to a small fitness startup called FitClub. Designed, built, and launched the app from inception to submitting to the App Store in 3 months. Created a Go API for the iOS app that handled all the video, image, and data management of the app. Also built several custom controls and UI components for the app.

Co-Founder at Instee

Feb 2014-Feb 2015

- Created completely custom iOS app that leverages Instagram OAuth API, custom animations and navigation. Built a scalable chat messaging server in Go over WebSockets.

Lead iOS Developer at Chat Simply

Oct 2012- Feb 2014

- Created completely custom iOS app that leverages the XMPP protocol, custom animations and navigation. Created XMPP client library in Objective-C.

Lead Cocoa Developer at Lightspeed Systems

Jan 2011-Mar 2015

- Built a content web filtering service in C for both MacOS and Linux. Developed a user identity agent (AD and OD) for MacOS in Objective-C. Created a universal iOS app that includes features for both social networking and learning management system. Built a web service that every agent and agent server in the company checked into for configuration, updates and reporting. Worked on an airplay server in Go.

Technical Support Engineer at Lightspeed Systems

Aug 2009 - Dec 2010

- Provided technical assistance on security/networking-based product. Highest volume of cases taken in a year with a 97% customer satisfaction rating. Performed workload and case management, network and

desktop troubleshooting, web/email/SQL installs and network configuration for implementing software in the customer's network.

Education

The Masters College

Mar 2016

- Earned a Bachelor of Science in Computer Information Systems with an emphasis in Computer Science.

Skills

- **Frameworks/Technologies:** WebSockets, HTTP, JSON, Bluetooth, TCP/IP, UDP, Terraform, Kubernetes, Clickhouse, Kafka, InfluxDB, NoSQL, SQL, CoreLocation, Foundation, AppKit, UIKit, CoreText, Core Graphics.
- **Languages:** Go, Swift, Objective-C, C, C++, Java, Javascript
- **Platforms:** MacOS, iOS, Linux

Publications

- **Notable Projects:** [Starscream](#), [SwiftHTTP](#), [ImageButter Conductor](#), [Jetfire](#), [Jazz](#), [JSONJoy](#)
- [vluxe.io](#): Programming posts.
- Dollar Shave Club Engineering Blog: [Shaving Our Image Size](#)