

EXPERIENCE

IBM - Watson and Cloud Platform

Austin, TX

Software Engineer (Intern, Part-Time)

May 2017 - December 2018

- Created trust infrastructure for Swift Package Manager in compliance with TUF (The Update Framework) spec
- **Maintained 40+ open-source projects** in Swift and Javascript for Swift@IBM/IBM-Developer GitHub orgs
- Collaborated to create iOS Programming Guide and starter apps with best practices on development and deployment
- Created Virtual Server Image (VSI) app deployment option on IBM Cloud using Open Toolchain and Terraform
- Wrote Swift SDK framework and relevant OpenAPI docs for IBM Cloud Object Storage (COS)

Peelustrate

Houston, TX

Lead iOS Software Engineer (Contract)

November 2016 - March 2017

- Led a distributed engineering team in architectural design and development of Swift iOS social networking app
- Developed features including user auth system, media creation/editing/storage, and realtime messaging
- Integrated developmental processes including revision control, testing/CI/CD, code reviews, and daily standups (agile)

Optimal Asset Management

Los Altos, CA

Software Developer (Contract)

January - August 2016

- Developed Node.js microservice utilizing NLP to **analyze and process over 10 million datasets daily**
- Worked with graphic designer to redesign and build new corporate website marketing upcoming product release
- Created email guessing algorithm resulting in a **34% increase in effectiveness** of product marketing/outreach

IBM - WebSphere Application Server

Austin, TX

Software Engineer (Co-Op)

June - December 2015

- Developed functionality for internal Java CLI testing tool, **improving test verification efficiency by 40%**
- Created container testing Java EE compliant code samples, deployed to the Cloud as a customer-facing application

MR Studios

Dallas, TX

iOS Programmer

December 2014 - May 2015

- Created realtime messaging system with Apple iMessage and SMS/MMS integrations within Swift iOS app

Fannie Mae

Addison, TX

Business Analyst (Intern)

July - October 2014

HACKATHONS — AWARD WINNING PROJECTS

- **1st Place Overall, Best Use of AWS:** HackUTA (Aid-AR)
- **1st Place Overall, Best Potential Startup:** CodeRED (CleverCalorie)
- **1st Place Overall, Domain.com Corporate Prize:** EagleHacks (SpLifter)
- **2nd Place Overall, Best UI/UX, Most Creative:** SASEHacks (BreathEZ)
- **2nd Place Overall:** HackUTD (IoFood)
- **3rd Place Overall, Goldman Sachs Corporate Prize, HBK Corporate Prize, Microsoft Corporate Prize, Facebook Corporate Prize, CDK Corporate Prize, 1517 Corporate Prize:** HackTX (Mosaic)
- **3rd Place Overall, Voter's Choice Award:** TAMUHack (ProxyChat)
- **Showcase Winner:** IEEE/IBM Watson Student Showcase (Telephony)
- **Capital One Corporate Prize:** TAMUHack (SynChroma)
- **Southwest Corporate Prize:** TAMUHack (FlightBuddy)
- **Finalist, National Instruments Corporate Prize, IBM Corporate Prize:** HackTX (vibED)
- **Finalist:** Facebook Global Hackathon Finale (Bridgit) & MLH Prime Southwest (Swing) & Hacktober (IdentiBuy)

TECHNICAL SKILLS

Proficient: Swift, Java, Git

Familiar: Javascript, Python, Go, SQL, HTML/CSS, Docker, Terraform

EDUCATION

The University of Texas at Dallas

December 2018

B.S. in Computer Science