

EXPERIENCE

Amazon

San Francisco, CA

Software Development Engineer

July 2020 - Present

- **1 of 3 iOS engineers** responsible for building and launching Podcast experience within Amazon Music app
- Developed and owned several podcast features including Context Menus, Featured Item, and Sort & Filter
- Identified and fixed build inefficiencies within Amazon Music app, leading to a **22% improvement in build time**

Lime

San Francisco, CA

Software Engineer

January 2019 - July 2020

- **1 of 3 iOS engineers** responsible for the Rider app; owned code reviews, app releases/monitoring, bug triaging/fixes
- Built/maintained core rider experiences including onboarding, authentication, in-trip, end-trip, and ride history flows
- Created and maintained all mobile dev infrastructure/automation (CI/CD pipelines, PR tests, builds, i18n, docs)
- Led mobile tech-debt audit/cleanup initiative and **increased iOS codebase code coverage by 14%**
- Created locale mapping job to **increase locale coverage by 68%**, while significantly decreasing translation costs
- Promoted engineering innovation by starting the OpenSource@Lime program and quarterly company-wide hackathons

IBM - Cloud Platform

Austin, TX

Software Engineer (Intern, Part-Time)

May 2017 - December 2018

- **Maintained 40+ open-source projects** in Swift and Javascript for Swift@IBM/IBM-Developer GitHub orgs
- Created Virtual Server Image (VSI) app deployment option on IBM Cloud using Open Toolchain and Terraform
- Developed Swift SDK framework and created relevant OpenAPI docs for IBM Cloud Object Storage (COS)

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**
- 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

HACKATHONS — SELECTED 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 (BreatheEZ)
- **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)

For details and more award winning projects - checkout wilsonding.com/projects

TECHNICAL SKILLS

Proficient: Swift, Java, Git

Familiar: Javascript, HTML & CSS, Python, Bash/Sh, SQL

EDUCATION

The University of Texas at Dallas

December 2018

B.S. in Computer Science