

Daniel P. Wong

☎ (510) 432-1118 | ✉ me@dpwong.com | 🏠 www.dpwong.com | 📱 danwong | 📧 dapwong

Experience

Microsoft Inc.

Redmond, Washington

SOFTWARE ENGINEER

Jun. 2020 - Present

- Design and develop features as part of the **Azure Files** team. Currently developing distributed file system features on the REST protocol
- Develop networking messaging protocols with Windows Server operation systems to allow for seamless integration with new feature sets
- Integrate features to improve performance and availability for customers to perform and access distributed file systems with efficiency

Square Inc.

San Francisco, California

SOFTWARE ENGINEER INTERN

Sep. 2019 - Dec. 2019

- Developed MySQL features with **React** and **Ruby On Rails** and shipped many features.
- Designed and architect solutions to allow for applications to improve in scaling and performance.

Microsoft Inc.

Redmond, Washington

SOFTWARE ENGINEER INTERN

Jun. 2019 - Sep. 2019

- Integrated Machine learning algorithms and developed features for **Azure Storage** to increase the reliability of Storage services by 25%
- Developed features and pipelines to monitor service dependencies and use **machine learning** to categorize incidents to a service failure
- Developed application to monitor the above feature sets in an interface that is used daily by livesite teams to track and ingest availability

Microsoft Inc.

Bellevue, Washington

SOFTWARE ENGINEER INTERN

Jun. 2018 - Sep. 2018

- Developed on **Microsoft Teams iOS**, shipped the Audio Message feature with **millions** of voice messages per month
- Developed with **Objective-C** and shipped the Share A Location feature - pick a location and send a message
- Developed **APIs** for recording, rendering, storage, sending and playback for Share Location and Audio Messaging features

Oracle Inc.

Redwood Shores, California

SOFTWARE ENGINEER INTERN

Sep. 2017 - Oct. 2017

- Developed **iOS** and **Android** applications for **Oracle** service engineers
- Integrated **Oracle Cloud** for storage and wrote with **Java** for Android and **Swift** for iOS

Sentient Energy

Santa Clara, California

SOFTWARE ENGINEER INTERN

Jun. 2017 - Aug. 2017

- Developed parser using **Python** to recursively discover and map the schematic of the application's architecture
- Utilized **machine learning via TensorFlow** to classify new methods populate of databases necessary for executing test cases

Microcon

San Luis Obispo, California

SOFTWARE ENGINEER INTERN

Sep. 2016 - Jun. 2017

- Designed the frontend of the Employee Portal using **HTML5**, and **JavaScript**
- Developed the backend of the Employee Portal using **C#** and Microsoft SQL Server

Education

California Polytechnic State University

San Luis Obispo, California

B.S IN COMPUTER SCIENCE, OVERALL GPA: 3.20

Expected: Mar. 2020

- White Hat Security Club, Computer Engineering Society

Skills

Programming Objective-C, C, C++, C#, Java, Python, Swift, SQL, JavaScript