Daniel P. **Wong**

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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

Experience

Square Inc.   *San Francisco, California*

SOFTWARE ENGINEER INTERN   *Sep. 2019 - Present*

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 to monitor service dependencies and use **machine learning** to correlate incidents to a service failure
- Developed diagnostic tools to decrease the time to resolve an outage or throttle in the performance of **Azure** File services
- Developed APIs to ingest telemetry data to find latency and availability issues about Azure Clusters by deriving events from data

Microsoft Inc.   *Bellevue, Washington*

SOFTWARE ENGINEER INTERN   *Jun. 2018 - Sep. 2018*

- Developed on **Microsoft Teams iOS**, shipped the Audio Message feature with **1 million** 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
- Integrated with **Apple Maps** API to develop location picker, map message card, address correlation, and application forwarding
- Integrated with APIs and SDKs including **Google Maps**, **Bing Maps**, **Apple Maps**, **Skype Storage**, **Azure Storage**

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

Projects

Facial Recognition Authentication for Clover Devices   *San Francisco, California*

SOFTWARE ENGINEER   *Jun. 2017*

- Placed **first** place for the Hackathon's API challenge.
- Integrated **Clover's Android SDK** to create a custom tender option that takes a picture of the person checking out to identify whether or not the person is the owner of the credit card

Skills

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

Other   Azure, HTML5, Git, Docker, Google Cloud Platform