Courtney T. Ngai
Software Engineer
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SUMMARY

A creative and innovative full stack software engineer with experience working with multiple environments to build exceptional products.

EDUCATION

Barrett, the Honors College at Arizona State University
Computer Science, B.S. **GPA 3.98/4** **Aug 2015 – May 2019**
Minor in Dance
New American University Scholar - President's Award
Ira A. Fulton Schools of Engineering Dean's List

PROFESSIONAL EXPERIENCE

Software Engineer at PayPal, Scottsdale, Arizona **July 2019 - Present**

- Collaborate with product and software architects to define, develop, and implement new credit products.
- Back-end Technologies: **Java 8, Spring, Maven, SQL, JUnit, GIT, REST, JSON, Apache Tomcat, Jenkins, Docker**
- Front-End Technologies: **React, Node.js, Jest, Mocha, Chai, Sinon, Mockery, Selenium, GraphQL**

Software Engineer Intern at PayPal, Scottsdale, Arizona **May 2018 – Aug 2018**

- Designed a full stack web application for a few of PayPal's RESTful services in PayPal Credit
- Experience with **React, Express.js, Node.js, Bootstrap, SQL**.
- Implemented SSO with 2-Factor Authentication into the full stack web application
- Created builds using Jenkins and deployed the application

Software Engineer Intern at Avnet, Chandler, Arizona **May 2017 – Aug 2017**

- Generated a PetaLinux Software Board Support Package v2016.4 utilizing Linux OS build scripts.
- Released Installation Guide Manual v2017.1 for VirtualBox and Xilinx Vivado/SDK Tools.
- Created **iOS IOT** Bluetooth application to demonstrate 3D Motion Graphics with user interactive motion.

IT/Data Analytics Intern at Avnet, Chandler, Arizona **May 2016 – Aug 2016**

- Modified IoT IBM Bluemix UI dashboard web application code using **HTML, JavaScript, and CSS.**
- Demonstrated IBM Bluemix application and new dashboard at Avnet Field Application Engineering Expo.
- Updated PetaLinux Board Support Package builds via modification of build scripts on Linux OS and released board status from v2015.4 to v2016.2 for Avnet Zedboards: PicoZed, MicroZed, and Zync Mini-ITX.

PROJECTS

- **Choices Poll** (2018). Developed a voting poll web application in **Python** for **Honors Thesis/Creative Project**. The app allows users to vote on adjectives in real-time.
- **IOS Bluetooth Sensor App** (2017). Created an iOS IoT App in **Swift 3** that displays the accelerometer, temperature, and humidity data from a Bluetooth LE hardware device.