

Dick Wyn Yong

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SUMMARY

Senior Computer Science student with experience in developing full stack web applications using technologies such as JavaScript (ES6), ExpressJS and MongoDB. Seeking a **Summer 2018 Internship** to leverage exemplary coding skills, analytical skills and leadership skills.

EDUCATION

Bachelor of Science in **Computer Science**
Arizona State University [Tempe, AZ]

Expected December 2018
3.68/4.0

TECHNICAL SKILLS

Languages: JavaScript (ES6), Java, C#, SQL, HTML, CSS/Sass, C/C++, Python, Matlab

Frameworks: Bootstrap, .NET, Node, jQuery, Jekyll, Express, React, Angular

Tools: Photoshop, Illustrator, Bash, Git, Gulp, WordPress, Axure RP, Amazon AWS, L^AT_EX

PROJECTS

[SafeDevils](#) (JavaScript, NodeJS, PugJS)

May 2018

- A simple safety web application that integrates the SafeTrek API to invoke emergency services when the alert button is triggered.

SFLE Knowledgebase (AxureRP, MySQL, NodeJS)

February 2018 - Present

- Prototyped an interactive web application with Axure RP where practitioners and the public can browse the solutions within the database.
- Designed a scalable open-source database using MySQL that stores data from researchers and stakeholders about sustainable local food economies.

[Sound Waves](#)

January 2017 - April 2017

- Prototyped a side-scrolling mobile game which included a scoring system, game streaks and a theme for SOUNDS Academy to help underprivileged students practice string instruments.
- Won EPICS Catalyst Award from Ira A. Fulton Schools of Engineering.

[OneLap](#) (C, Kinetis Microcontroller)

April 2015 - June 2015

- Developed an autonomous navigation algorithm in C that aligned the vehicle to the center of two white lines. Model race car built with a FRDM-KL25Z board, a line scan camera and a servo.

EXPERIENCE

Teaching Assistant

August 2016 - December 2017

Ira A. Fulton Schools of Engineering [Tempe, AZ]

- Assisted the professor to guide a class of 40 freshmen students to understand introductory programming techniques.
- Involved in creating learning modules for students in **Matlab** to help learn hardware programming on the Lego Mindstorms platform.

LEADERSHIP

Student Facilitator

February 2017 - Present

ASU Student and Cultural Engagement [Tempe, AZ]

- Facilitated diversity & inclusion workshops for 80 students on topics such as conflict resolution, cultural adjustment and intersectionality of sex, gender & sexuality.

Vice President

September 2017 - April 2018

ASU Coalition of International Students [Tempe, AZ]

- Coordinated 58 student leaders within the coalition to host 5 large-scale events that celebrated culture from all around the world that collectively engaged over 6,000 students throughout the academic year.
- Supervised all internal operations within the coalition such as project management and conducting strategic reviews.