

## DICK WYN, YONG

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### PROJECTS

**Sound Waves** [School project] August 2016

- Prototyped a mobile app in Proto.io for SOUNDS Academy to help underprivileged students practice string instruments.
- Designed a gamified experience that moves a fish across a map based on the musical note being played.
- Won EPICS Catalyst Award from Ira A. Fulton Schools of Engineering.

**Minecraft Teleport Plugin** [Personal project] (Java) April 2016

- Developed a Minecraft plugin with Spigot so that players can teleport to different parts of the map as a different character with a special hotkey.
- Tested plugin with 5 players on a Minecraft server.

**Website Design** [Personal project] (HTML, Bootstrap) February 2016

- Designed a mobile friendly reference website for Sunway University's American Degree Transfer Program.
- Prospective students and parents use this website to view information about the program.

**Freescale Cup** [Personal project] (Kinetis Microcontroller, C) May 2015

- Model race car that can autonomously navigate around the race track and developed with a FRDM-KL25Z board, a line scan camera and a servo.

### EXPERIENCE

**Undergraduate Teaching Assistant** August 2016 – Present

Ira A. Fulton Schools of Engineering (Tempe, AZ, USA)

- Assisted 40 students with assignments during lab sessions for Introduction to Engineering.
- Taught students **MATLAB** programming on Lego EV3 bricks.

### EDUCATION

**Bachelor of Science – Computer Science** Expected December 2018

Arizona State University, Tempe, AZ, USA

- Dean's list – Spring '16, Fall '16, Fall '17

### TECHNICAL SKILLS

Programming Languages : Java, C++, C#, C, MySQL, Python, MATLAB, R

Web Technologies : HTML/CSS/JavaScript, Bootstrap, Wordpress, ReactJS

Tools : Adobe Creative Suite, Git/GitHub, Oracle DB, Microsoft Office

### LEADERSHIP

**Vice President** September 2017 – Present

Coalition of International Students (Tempe, AZ, USA)

- Coordinated International Night for 3,500 participants to promote understanding among various cultures within the university.
- Supervised internal operations such as member welfare, team collaboration and decision making.

**Sun Devil Civility Student Facilitator** January 2017 – Present

ASU Student and Cultural Engagement (Tempe, AZ, USA)

- Facilitated workshops for 80 students on effective ways to resolve conflicts through the ART of Inclusive Communication module developed by the National Conflict Resolution Center.