

Dick Wyn Yong

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EDUCATION

Bachelor of Science in **Computer Science**
Arizona State University

Expected December 2018

PROJECTS

- [CIS-Online](#) [Personal project] (**HTML, JavaScript, Bootstrap**) December 2017
 - Improved the Coalition of International Students website by developing an OPT Calculator in JavaScript and revising the layout of information.
 - Decreased page load times by approximately 30% through losslessly compressing images by 18% and minifying file sizes by 60%.
- [Sound Waves](#) [School project] 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.
- BreakMineUp [personal project] (**Java**) April 2016
 - Modified existing Java code to study Minecraft servers and to understand how plugins get deployed into a game environment.
 - Created a teleport plugin that was tested within the custom Minecraft Server with 5 users.
- [OneLap](#) [personal project] (**Kinetis** Microcontroller, **C**) May 2015
 - Implemented 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

- **Undergraduate Teaching Assistant** August 2016 — December 2017
Ira A. Fulton Schools of Engineering
 - Helped guide freshmen students in introductory programming techniques.
 - Developed learning modules for students in MATLAB to help in programming Lego EV3 bricks.

TECHNICAL SKILLS

- **Languages:** Java (proficient), C/C++ (proficient), SQL (proficient), MATLAB (proficient), Python (prior experience), R (prior experience)
- **Web Technologies:** HTML/CSS (proficient), JavaScript (proficient), Bootstrap (proficient), Node.js (prior experience), React.js (prior experience)

LEADERSHIP

- **Vice President** September 2017 — Present
Coalition of International Students
 - Coordinated International Night for 3,500 participants to promote understanding among various cultures within the university.
 - Supervised internal operations such as team collaboration, decision making and member welfare.
- **Student Facilitator** January 2017 — Present
ASU Student and Cultural Engagement
 - Facilitated diversity & inclusion workshops for 80 students. Topics include conflict resolution, cultural adjustment and intersectionality of sex, gender & sexuality.