



# DALTON FLANAGAN

## COMPUTER SCIENCE TEACHER

### WORK EXPERIENCE

#### Computer Science Teacher & Design Teacher

Kellett School | August 2021 - Present

- Plan and deliver engaging Computer Science lessons to Senior School students from year 7 to year 12
- Facilitate staff professional development sessions
- Support staff with technology use in the classroom
- Lead an app development club for senior school students

#### MYP Design Teacher &

#### Secondary Technology and Innovation Coach

Victoria Shanghai Academy | August 2018 - July 2021

- Provide all staff training on educational technology
- Develop interdisciplinary units with different departments that promote student inquiry
- Plan and facilitate the MYP Design Curriculum
- Guide students to create iOS apps to improve student life at VSA
- Conduct teacher and parent workshops to enhance digital literacy and citizenship
- Work closely with curriculum leaders to integrate technology using the ISTE's to drive implementation

#### Year 5 Teacher

Northbridge International School Cambodia | August 2015 - June 2018

- Lead planning the PYP Exhibition across all of Year 5
- Collaborate with the Makerspace Coordinator to create a student Arcade
- Work closely with the Administration to develop new guidelines for student wellbeing

#### Year 5 Teacher

Wells International School | August 2011 - June 2015

- Integrate transdisciplinary project-based learning units into the curriculum

#### Project Facilitator

Darunsikkhalai School of Innovative Learning | July 2010 - August 2011

- Develop project based learning strategies to enhance students' curiosity and understanding
- Create lessons based on the school's constructivism philosophy

### CONTACT



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### EDUCATION

#### MASTERS IN INTERNATIONAL EDUCATION

Framingham State University | 2015

#### CERTIFICATE OF EDUCATIONAL TECHNOLOGY AND INFORMATION LITERACY

SUNY Buffalo | 2014

#### TEACHING CERTIFICATE

Pima Community College | 2011

#### BA IN PSYCHOLOGY

University of Arizona | 2008

### SKILLS

- Robotics - mBot, Lego, Vex
- Python
- Xcode and iOS app development
- Microbit, Arduino, Circuit Playground
- 3D Printing and 3D Modeling
- AR and VR creation using Cospaces and Reality Composer
- Leading Design Thinking Projects

### SOCIAL



[youtube.com /daltonflanagan](https://www.youtube.com/daltonflanagan)



[@desertclimber](https://twitter.com/desertclimber)



[www.daltonflanagan.me](http://www.daltonflanagan.me)

