Ryan Chan

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Education

University of California, Irvine   Expected Graduation: 2018
Computer Science and Engineering Major
- Cumulative GPA: 3.4

Relevant courses:
- ICS 31 – Introduction to Computer science (Python)
- ICS 32 – Programming with Software Libraries (Python)
- ICS 33 – Intermediate Programming (Python)
- ICS45C – Programming in C++ as a Second Language
- ICS46 - Data Structure Implementation and Analysis (C++)

Experience

Meddcomm Solutions   Summer 2013
Summer Intern
- Implemented streamlined training records filing system as the company transitioned to digital records.
- Data entry and fulfillment of medical information requests

UCI Dragonboat Club Sport   Fall 2014 - Present
Team Captain
- 6 Years of paddling experience; worked in a team to race in international competitions
- Assisted the team board in running fundraisers, training plans, and practices.
- Won 2nd Place in Mixed Competitive B Division, Vancouver Rio Tinto Dragon Boat Festival (2015)
- Won 1st Place in Men's crew, San Diego International Dragon Boat Festival (2016)

Personal Projects

Android Drawing Instant messenger   In Progress
- Currently developing a drawing based instant messenger hosted on a Wi-Fi peer-to-peer network. Written in java using android studio.

Quadcopter   In Progress
- Fully built a quadcopter drone from scratch and currently programming a Raspberry Pi to be used as the flight controller. Progress can be tracked on https://github.com/ryanryanchan/squadcopter

Personal Website   Fall 2016
- Created a personal website to self teach HTML/CSS. https://ryanryanchan.github.io

UAVForge   Fall 2016
- Researched I2C and SPI connections for communication options between two Arduino boards on the team drone.

Morning Alarm Application   Fall 2016
- Scripted a task on android to read aloud the date, time, and weather forecast after dismissing alarm in the morning. Written using a phone scripting application called Tasker.

UCI Hackathon (HackUCI)   November 2015
- Developed the logic and the GUI for a tournament organization application

Skills

- **Programming languages**: C++, Python, Java, HTML/CSS, VHDL/Verilog
- **Applications**: Final Cut Pro, Android Studio, Eclipse
- **Languages**: Cantonese, Mandarin
- **Github**: https://github.com/ryanryanchan