

John C. Ryan

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Experience – Summers

Rui Yuan Wen De Company **Beijing, China** **Summer 2016 and 2015**

Summer internship in the Beijing office of a distributor of forensic and security products in China. Internship included study of the company's operations, Mandarin study, and team projects assigned by the company.

Neal Feay Company **Goleta, CA** **Summer 2015**

CNC operator and machining intern for industrial design and engineering firm specializing in custom aluminum products for industrial clients including Crestron and Holly Hunt Designs.

Heart to Heart Foundation **Taidong, Taiwan** **Summers 2012 - 2014**

Live-in position at a foundation sponsored English camp for Taiwan students. I was the Science Instructor, with responsibility for planning and teaching the science curriculum, planning and supervising experiments and extra-curricular camp activities; and supervising students in the dormitories.

Code Hobbits **Fremont, CA** **Summer 2017- Present**

Working as a teacher for summer and after school classes. Classes covered topics such as Virtual Reality, mechatronics engineering, and video game design in Javascript and Unity.

Experience – School Years

Rental Property Manager **Santa Barbara, CA** **Part-time 2011 - 2015**

Worked for absentee owner as the primary responsible party for set-up/take-down for each renter, house maintenance, organization of cleaning and repair services, and a 24/7 resource for renters needing assistance during stays.

Granada Video Workshop **Santa Barbara, CA** **Part-time 2011 - 2015**

Mentor, in charge of planning, leading, and assisting with video editing related activities in a local teen workshop

Skills

- Highly proficient in CNC and Manual Lathe and Mill Machining
- Proficient in Java, C, C++ and Arduino Programming
- SolidWorks and CAD
- FPGA board programming and Digital Design software

Education

Santa Clara University B.S. Computer Engineering Candidate, Class of 2019

Dos Pueblos High School Santa Barbara, CA 2015

- Dos Pueblos Engineering Academy (4 years), and AP Computer Science
- Competition Team, FIRST Robotics (900 hours of robot build and design time) - Regional Champions

HONORS

- National Honors Society and California Scholarship Federation Student (4 years)
- Taiwan Presidential Culture Award (2012, 2013)

References Available Upon Request