

Education

University of California, Riverside

BS Chemical Engineering - Nanotechnology, GPA: 3.12

Riverside, CA

Sep 2016 / June 2020

Skills

Programming Languages C++, Matlab

Proficient with Microsoft Programs Word, Powerpoint, Excel

Courses Taken Fluid Dynamics, Thermodynamics, Organic Chemistry

Conferences Attended Southern California Conference for Undergraduate Research, NSF IRES 2018 Showcase, 2018 Dutch-Sino International High Level Talent Forum and Summer School on Semiconductor technologies, Energy Efficient Data Analytics Seminar

Projects and Research

The National Science Foundation International Research Experiences for Students (NSF-IRES)

<https://jacobpoole.github.io/IRES2018/index.html>

Sponsorship of undergraduate engineering students to perform resistive random access memory research in Beijing, China. Served as the team treasurer and was responsible for documenting and managing finances for the eight week program.

Internal Appliance System

<http://iasprojectbcoe.ucr.acsitefactory.com>

To reduce the environmental impact of common household appliances through a revolutionary, solar powered hybrid device. Responsibilities include managing external connections, cleaning and maintaining solar panels, and testing the electrical circuitry of the system.

Work Experience

The Landing Pad

Riverside, CA

Calculus and Chemistry Tutor

Nov 2016 / Present

- Supplements student learning and assists with practice problems
- Manages customer records and payments
- Assists elementary-age children with homework assignments