

Student Name

Address

name@uci.edu

(555) 555-5555

EDUCATION

Master of Science in Environmental Engineering

June 20XX

University of California, Irvine

Bachelor of Science in Mechanical Engineering

June 20XX

University of California, Davis

WORK EXPERIENCE

Graduate Student Assistant, UC Irvine Department of Engineering

Sept. 20XX – Present

- Processed NetCDF files containing ozone and PM2.5 concentrations with Matlab
- Set up traffic flow models for accidents with vehicle simulation software
- Quantified health risks and benefits from air pollution concentration differences with BenMAP

Intern, Greene Jay Engineering Co., Mission Viejo, CA

Jan. 20XX – June 20XX

- Computed cost savings and carbon footprint reduction from renewable energy source installations
- Analyzed quarterly peak loads and demands from solar arrays in Central California
- Operated demonstrative electrolyzer to evaluate hydrogen production

Research Intern, New Data Inc., Irvine, CA

May 20XX – Jan. 20XX

- Developed mechatronics data acquisition device to monitor a centralized electrolyzer unit
- Researched health endpoints and morbidity factors associated with ozone levels
- Implemented GIS software to develop regional emission projections
- Utilized GIS software to perform optimum routing for heavy-duty trucks among refineries

Laboratory Assistant, UC Irvine Department of Engineering

Jan. 20XX – June 20XX

- Utilized power tools and organized pipe fittings in a mini-fridge to liquefy hydrogen gas
- Constructed a condenser used to rapidly cool hydrogen gas after combustion reaction
- Extracted necessary items from McMaster and compiled them in several Excel part lists

SKILLS

- Software: Proficient in CAD (Autodesk Inventor, Solidworks), Matlab, Fortran, C, R, ArcGIS
- Operating Systems: Windows, Linux