Madhumitha Senthilkumar

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OBJECTIVE

Biomedical Engineering student seeking professional opportunities to grow connections and gain meaningful work experience.

EDUCATION

University of California, Riverside – Riverside, California
B.S. Bioengineering *Expected June 2022*

TECHNICAL SKILLS

Software: SolidWorks, AutoCAD, COMSOL, Adobe Photoshop, Microsoft Office, PioneerRx, Autodesk Inventor, ANSYS, LabVIEW
Programming: JAVA, C/C++, MATLAB
Lab Experience: Electrophoresis, Spectrophotometry, Microscopy, ELISA, PCR
- Familiar with fundamental lab procedures including pipetting, buffer preparation and SDS PAGE

WORK EXPERIENCE

Welcare Pharmacy Compounding & Prescriptions, San Marcos, CA *July 2017 - September 2018*
Internship
- Shadow the compounding Pharmacist and help with compounding calculations
- Man the cash register and the release of patient prescriptions
- Enter patient prescriptions into the PioneerRx software and print out labels for prescriptions
- Keep track of inventory and make sure expired medication gets disposed of, or reimbursed
- Reorganized OTC's and commissions to look more appealing to customers
- Helped set up the new cleanroom to use for more potent medications (i.e. Hormones)
- Discovered which types of medication are seasonal and stocked OTC's based on that season

LEADERSHIP EXPERIENCE

Society of Women Engineers (SWE) *Task Committee Lead (19-20),* **President** *(20-21)*
- With a passion for supporting women to achieve full potential in their careers as engineers and leaders. We host academic and professional events as well as increase the female STEM presence at UCR, and encourage young students to pursue STEM fields.

Indian Students Association (ISA) *Events Coordinator (19-20),* **Ext. President** *(20-21)*
- Our purpose is to provide a commonplace at UCR for people to share and exchange Indian culture of all regions in India. Planned and hosted every main cultural Indian event on UCR campus.

Rose Hack *Sponsorship Lead (19-20)*
- The first women-centric hackathon in the Inland Empire. Worked with companies to gain sponsorships for our hackathon hosted in January 2020.

FIRST Robotics, San Diego Region, CA **Mentor***, August 2013 - Present*
- Founded the Sage Creek High School robotics team and was the elected president and team captain for four years. Mentor FLL and FTC Robotics teams, host robotics competitions, and judge competitions.