EDUCATION

University of California, San Diego
B.S. Bioengineering: Bioinformatics & Design   Expected graduation: Spring 2019

WORK EXPERIENCE

R&D Software Developer Intern, Thermo Fisher Scientific   *6/2018 - PRESENT*
- Definition and implementation of interface integrating two pre-existing company softwares for mass spec instruments
- Front end development of proof-of-concept application for a proteomics device currently in development along with the organization and facilitation of an initial project planning meeting and development of a team Gantt chart
- Testing and profiling of the performance of different schema in a NoSQL database technology through rapid prototype testing along with specification of schema and versioning protocol in a design document

Resident Advisor, Muir College   *6/2016 - 6/2018*
- Directly managed a residential area of 100 students and indirectly all on campus residents in Muir as an employee of ResLife
- Developed, implemented, and evaluated programs on diversity, health and wellness, personal development, academics, campus resources, etc. at least twice a week to build a strong, supportive community
- Provided advice, resources, and support to residents in need and in crisis following university policy and protocols.

Sales & Marketing Intern, BPS Bioscience   *9/2017 - 3/2018*
- Creation and presentation of pricing analysis key competitors' market cap along with OEM distribution and pricing
- Data analysis and breakdown of the previous year's sales of the highest grossing products (>300) across the company
- Updated and maintained the company website with new product release info and pricing changes via HTML edits

Project Marketing Manager Intern, Impactt Consulting   *6/2017 - 11/2017*
- Project manager for the #HealToThrive social media initiative with Thrive Global and Project HEAL with over 100 participants.
- Research, analysis, presentation, and implementation of a social media marketing and outreach plan across all the company's social media channels and accounts for a period of 6 months

Teaching Assistant, Girls Who Code   *6/2017 - 8/2017*
- Managed and administered an introductory computer science curriculum to 20 high school girls
- Assisted with individual's projects in Python, Scratch, HTML/CSS, Arduino, and the culmination of a final project and portfolio

PROJECTS

UX/UI Designer & Front End Developer, MIRA
A web application designed to inform users of ICE raids in selected regions via text messages developed at #stayhacking 2018

Bioinformatics Technician, Open Viral Load/Worldcare Technologies
Responsible for the design and prototyping of different automated parts for an open viral load testing device for low income HIV affected patients

Outreach Lead, Triton Engineering Student Council
Project manager and lead organizer for the community outreach events at UCSD including Enspire and the Engineering Overnight Host Stay Program reaching a total of 1000+ members.

INVOLVEMENTS

Founding Member & Project Manager of PERIOD. at UC San Diego
Sexual Health Student Health Advocate at UC San Diego
Undergraduate Member of the Academic Integrity Review Board at UC San Diego
International & Out of State Rep and A.S.C.E. Rep on the Muir College Council

CERTIFICATIONS

- CPR
- Mental Health First Aid
- Equity, Diversity, and Inclusion Community and Team Building

SKILLS

- C++
- C#, Java
- Python
- HTML/CSS
- Scrum/Agile

AWARDS

- Thermo Fisher Intensity Award for Project Citius
- WayUp Intern 100 Award 2018
- Muir College Leadership Award 2018
- BioTechathlon Runner Up 2016