Derek Lee

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EDUCATION

Bachelor of Science in Computer Engineering, June 2020
University of California, Davis
Languages: HTML, CSS, C++, C, Python, JavaScript
Operating Systems: Windows, Linux

PERSONAL PROJECTS

Energgie (https://github.com/DerLee4/Energgie)   January 2018
- Navigated OBIsoft's PI Web API data on UC Davis with a three-person team to develop a linear regression module in MATLAB to predict energy demand usage in buildings on UC Davis

EXPERIENCE

Physical Computing Intern, UC Davis Center for Integrated Computing and   January 2018 – Present
STEM Education (C-STEM) – Davis, CA
- Develop and test C/C++ programs to create new chapters in the textbooks used for the C-STEM Center's Arduino and Raspberry Pi curriculum for both K-12 and Community College students to all UC campuses

Projects Member, The Institute of Electrical and Electronics Engineers (IEEE)   October 2017 – Present
at UC Davis– Davis, CA
Swarmbots Project – 24 members
- Create the Swarmbots website using HTML, CSS, JavaScript, and Bootstrap
- Use Arduino to develop PS4 controlled robots to play soccer

Software Developer, NOVUS Junior Enterprises – Davis, CA   March 2017-December 2017
- Taught HTML and CSS tutorials to students of UC Davis

Crew, AMC Theatres Newpark 12 - Newark, CA   Summer 2016 & 2017, Winter Break 2016 & 2017
- AMC Guest Connections Associate of the Month – July 2016
- Delegated the 30-member crew team to various tasks
- Trained 20 new crew associates with an emphasis on problem solving, communication, time management, efficiency, and preparedness
- Initiated new guest satisfaction policies and guest experience recovery policies like actively seeking out guests whose hands were full and helping them to their seat
- Led backup in all four departments- box office, hot foods, concessions, usher
- Reached top 5 crew members in selling AMC Stubs membership in efficiency and accuracy every month
- Thwarted potential threats and intrusions to preserve the safe environment for guests