WYATT LUONG

wluong8@calstatela.edu
435 Solano Ave • Los Angeles, CA 90012 • (323) 210-5067

EDUCATION

California State University Los Angeles — Bachelor of Electrical and Computer Engineering — August 2017-Present
Overall GPA: 3.63
Related Coursework: Circuit Analysis, Technical, Oral, and Written Communication, Embedded Programming, Electric Machines, Signals and Systems, Electronics, and Digital Engineering

EXPERIENCE

American Society of Mechanical Engineers – *Electrical Engineer Member;* Los Angeles, CA — September 2019 - Present
- Critiqued motor drivers for the robot's motor based on the researched datasheets
- Learned how to code Arduino with previous coding experience in a short time.
- Identified methods to apply PID (Proportional, Integral and Derivative) concept to operate GPS
- Tested the range of the wireless RC controller to ensure functionality
- Integrated RC controller onto Arduino to output signals to control the robot wirelessly

NASA Direct Stem – *NASA research trainee*; Los Angeles, CA — September 2019 - Present
- Learned Python and applied real life situations using statistical functions from NumPy
- Experimented mathematical models through programming

Association for Computing Machinery - *Member*; Los Angeles, CA — February 2019 - April 2019
- Learned how to make a website through HTML and CSS through Visual Studios
- Coordinated with other members to help with their website project

Society of Hispanic Engineering and Science - *Member*; Los Angeles, CA — January 2018 - May 2018
- Supervised one team to work on the soda-dispenser project
- Helped the team with designing the exterior of the soda dispenser

ACADEMIC PROJECTS

EE 3450 Robotic Arm (Code + Prototype) – *Group In-Class Project* — Fall 2019
- Drafted the robotic arm schematic and theory that corresponds with the design and code
- Investigated plans to utilize robotic arm payload when operational
- Recorded timeline of the project through progress steps and videos

EE 2450 3D Printer (Code only) – *Group In-Class Project* — Fall 2018
- Investigated the situation and tasks on how to program 3-D printer in C programming language
- Collaborated with other members on project through GitHub and organized project reports
- Integrated user interface by adding in the choice of shapes, 3-D object statistic data, and material inventory control

ENGR 1500 Remotely Operated Underwater Vehicle – *Group In-Class Project* — Fall 2017
- Researched the concepts of buoyancy and viscosity before testing the ROV
- Designed the vehicle with only the PVC pipes and the propellers from a 3D printer
- Tested how the ROV can move underwater with an RC controller installed

HONORS

- Dean's List (4 semesters) — Spring 2018 - Spring 2020

ADDITIONAL INFORMATION

Computer Skills: Python, MS Excel, Word, C, Java, HTML5, and CSS3
Work Eligibility: Eligible to work in the U.S. with no restrictions