

DOUGLAS JOHNSON

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EDUCATION

Carnegie Mellon University • Pittsburgh, PA Exp Grad May 2022
Bachelor of Science in Mechanical Engineering
Intended Minor in Robotics
GPA 3.0/4

Brea Olinda High School • Brea, CA June 2018
High School Diploma June 2018
GPA 4.3/4

PROJECTS

ASME IAM3D Fall 2019 - Spring 2020

- Began the design an Unmanned Aerial Racing Cargo Vehicle using additive manufacturing in a team of 4

Electromagnetic Visualizer Spring 2019

- Built an application in Python to visualize the interaction of charged particles in the presence of electric and magnetic fields

Handwriting Analyzer Spring 2019

- Developed a Python application as part of a hackathon that analyzed handwriting for certain characteristics like letter spacing and slant

WORK EXPERIENCE

Walters Electric Wholesale CDC • Brea, CA
Receiving Clerk

- Worked with Warehouse staff to verify shipments and enter material into warehouse management software.
- Worked with sales team and other Walters branches to rectify incorrect shipments

Fullerton Aquatics Sports Team • Fullerton, CA
Lifeguard, Swim Instructor

- Taught swim lessons and worked with other lifeguards to ensure the safety of our patrons

ACTIVITIES

Student-Athlete, Men's Varsity Swimming, Carnegie Mellon Fall 2018 - Present

- Placed 4th in the 1650 Free at the UAA championships contributing to the teams 4th place finish

ASME CMU Chapter Fall 2018 - Present