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► Objective

Cal Poly Pomona senior who is pursuing in Computer Science degree to hopefully get a career opportunity in Machine Learning and a software engineering related field. I would be very interested in integrating Machine Learning or AI modules to any air or space-related projects done by NGCP.

► Skills

PROGRAMMING: Java, C++, Python, NodeJS, MongoDB, Flutter, Dart, JavaScript, TensorFlow

OTHER: Team Management, Research and Analysis, Training and teaching, Troubleshooting, Conflict Analysis

► Projects

NGCP UAV Software Engineer 2020-2021

As a software engineer, my responsibilities are to help derive software related requirements, work in teams to research potential technologies to make use of and construct code modules that are compatible with the hardware.

TheShuffling

TheShuffling is a Web Service available for users to upload and organize custom card collections. It features a global chat and a Google login authentication. The web service is created by using NodeJS, Mongo Atlas, JavaScript, bootstrap, and hosted using Amazon AWS EC2. I worked on front-end development, global chat, and software testing. Demo: <https://youtu.be/Tv1DGACwy1U>

COVID-19 Predictions

Created a Machine Learning model using Support Vector Model to predict future cases of corona virus. This outputs a comparison between the Linear Regression model prediction and Polynomial algorithm in the SVM prediction.

► Employment

NZXT, BLD Team Member

As a Computer Technician, I am responsible for installing and setting up computer hardware and software, coordinating hardware/software troubleshooting tasks, and performing maintenance checks and repairs.

PolyTransfer, Student Peer Mentor, Cal Poly Pomona

As a mentor, I support and encourage new Cal Poly Pomona transfer students for success by creating a necessary plan for a path to success. I also promote Transfer student culture at Cal Poly Pomona Via social media and on-campus events.

CL Academy, Math/Physics Tutor

Provided tutoring for skill-based math such as SAT Math, Geometry, Trigonometry, Pre – Calculus. Created weekly lesson plans for AP Physics and helped the student understand concepts and prepare for the AP Physics Exam.

► Leadership

Science Council, Director of Programming

Cal Poly Pomona, CA

- Plan, coordinate, and execute all events in coordination with the Council
- Reaching out to on campus resources for collaboration in events.