Raphael Bret-Mounet

Student

I am currently studying in college but my first few experiences in the professional space have been so positive that I can't wait to learn more in the real world and apply my skills. I am a quick learner and enjoy researching and learning new skills. I have a passion for tinkering with and building robots, looking at something complex only gets me excited to figure out how it works.

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EDUCATION

B.S. Computer Engineering
UC Davis

09/2022 - 05/2024   *Davis,California*

A.S Computer Science C++
Diablo Valley College

08/2018 - 05/2022   *Concord,California GPA 3.67*

Courses
- Object Oriented Progrmng C++
- Assembly Lang Prog/Comp Org
- Introduction to Programming
- Prog Design & Data Structures
- Adv Programming with C & C++

WORK EXPERIENCE

Fulfillment Associate
Amazon

10/2020 - Present   *Oakley, California*

Tasks
- Docking and releasing trailers full of packages, performing basic troubleshooting on the Amazon Robotics Floor A.K.A rebooting of robots that lose connection, clearing alarms triggered by other employees, picking up packages that fall in the cage, fixing problems at stations, moving carts full of packages out of one trailer and into another, and sorting heavy and oversized packages.

Software Engineer-Intern
NASA

01/2019 - 05/2019   *Houston,Texas*

Achievements
- Created a steady-state visually evoked potential brain-computer interface which involved creating a Matlab program that could use live electroencephalogram(EEG) data and use a recurrent neural network to predict the frequency a user was looking at. Also, collected and analyzed EEG data, using a DSI-24 headset, for training bnd testing the neural networks.

SKILLS

`SQL` `HTML & CSS` `Linux` `PHP` `Java`

`Javascript` `MATLAB` `Python` `Git` `C++`

`Neural Networks` `Machine Learning`

`CI/CD Pipeline (Github Actions)` `Unreal Engine`

`Windows OS` `Mac OS` `AWS`

RELEVANT PROJECTS

Minecraft Plugin
- Used Java and MySQL to create a team manager for players.
- https://github.com/rbretmounet/minecraft_plugin

CERTIFICATES

Computer Science Advanced C++ Programing- Diablo Valley College (09/2018 - 05/2022)

Computer Science Computer Architecture- Diablo Valley College (09/2018 - 05/2022)

Computer Science Computer Architecture- Diablo Valley College (09/2018 - 05/2022)

LANGUAGES

English
Native or Bilingual Proficiency

French
Professional Working Proficiency

INTERESTS

`Space` `Rockets` `Servers`