

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 Programng 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 and 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