

JOSHUA DUONG

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EDUCATION

BS, Computer Science Sep 2021
Minor, Cognitive Science
University of California San Diego
GPA: 3.72, Major GPA: 3.72

SKILLS

Programming Languages
– Java, JavaScript, HTML, C, C++
Frameworks, Libraries, Tools
– Git, Vim, React, Node.js

EXPERIENCE

Computer Science Tutor, CSE 8A, 11, 12, 100 Mar 2020 – Present
University of California San Diego
– Assist 100+ students with comprehension and implementation of data structures and OOP concepts in **Java/Python/C++**, successfully resolving >90% of taken student support tickets
– Analyze, debug, and grade students' code, giving detailed feedback on style and correctness to help them improve

PROJECTS

GoodPostureBot, JavaScript Aug 2020 – Sep 2020
github.com/joshduo/GoodPostureBot
– Wrote a Twitch.tv chat bot using **Node.js** to remind viewers to fix their posture on a timed interval

FaceNook, JavaScript, HTML, CSS Mar 2020 – Jun 2020
– Created a social media web app centered around the Nintendo franchise Animal Crossing using **React, Node.js, Express.js**, and **Firebase**
– Senior System Analyst and developer in a 10-student Agile-style team
– Developed user profile page and friend request system with React and Firebase

EXTRACURRICULARS

Robotics Club, Founding Member Sep 2016 – Jun 2018
Deer Valley High School
– Provided support with club logistics and recruitment
– Contributed to application for state grants and company sponsorships
– Assisted in planning for and participation in FIRST Robotics Competition

FIRST Robotics Competition, Programmer, Team 6612 Jan 2017 – Mar 2018
Deer Valley High School
– Programmed a robot using **Java** and provided FIRST libraries
– Utilized encoders, proximity sensors, and PID loops to automate field navigation
– Set up control system for manual operation of the robot