




JOSHUA DUONG

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EDUCATION

BS, Computer Science Sep 2018 - Sep 2021

Minor, Cognitive Science

University of California San Diego

GPA: 3.73

SKILLS

Programming Languages

- Java, Ruby, JavaScript, HTML, CSS, C, C++

Frameworks, Libraries, Tools

- Ruby on Rails, React, Node.js, TypeScript

EXPERIENCE

Software Engineer, Full Stack

Nov 2021 - Present

AppFolio

- Design scalable and robust web-based solutions in an Agile team using **Ruby on Rails, MySQL, JavaScript, React, HTML**, and **CSS**
- Build and maintain software to screen tenants quickly and efficiently while achieving maximum possible data accuracy
- Enhance platform and workflow for reviewing criminal and civil court records to increase usability and screening throughput
- Monitor and update automated record reviewing engine to support legal compliance and improve accuracy, observability, and performance

Computer Science Tutor, CSE 8A, 11, 12, 100

Mar 2020 – Sep 2021

University of California San Diego

- Assisted 100+ students with comprehension and implementation of data structures and OOP concepts in **Java/Python/C++**, successfully resolving >90% of taken student support tickets
- Analyzed, debugged, and graded 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 in **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

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