JOSHUA DUONG

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EXPERIENCE

AppFolio   Nov 2021 - Present
Software Engineer, Full Stack
- 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

University of California San Diego   Mar 2020 – Sep 2021
Computer Science Tutor; CSE 8A, 11, 12, 100
- 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 facilitate improvement

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
- Coordinated and completed use cases and user stories to outline the intended purpose and functionality of our project
- Developed user profile page and database and frontend for friendships between users

EDUCATION

University of California San Diego   Sep 2018 - Sep 2021
B.S. in Computer Science, Minor in Cognitive Science
- GPA: 3.73

SKILLS

Programming Languages: Ruby, JavaScript, TypeScript, HTML, CSS, SQL, Java
Frameworks, Libraries, Tools: Ruby on Rails, React, Node.js, Bootstrap