

# JOSHUA DUONG

joshduo@outlook.com | linkedin.com/in/joshua-duong | github.com/joshduo | joshduo.github.io

## EXPERIENCE

### AppFolio

Software Engineer II, Full Stack

Mar 2024 - Present

- Design scalable and robust web-based solutions in an Agile team using **Ruby on Rails, MySQL, JavaScript, TypeScript, React, HTML**, and **CSS**
- Build and maintain software to screen tenants quickly and efficiently while achieving maximum possible data accuracy
- Monitor and update the automated record reviewing engine to stay legally compliant and improve accuracy, observability, and performance
- Implement and help coordinate changes across applications to support the rollout of a supplemental tenant screening product
- Integrate new address API into screening flow to support customer compliance with credit history laws

Software Engineer, Full Stack

Nov 2021 - Mar 2024

- Enhanced the platform and workflow for manual review of criminal and eviction records to increase usability and screening report throughput
- Validated and utilized a third-party API to help refine our address matching logic, raising accuracy and manual review capacity

### University of California San Diego

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

Mar 2020 - Sep 2021

- 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](https://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, 3.73 GPA

## SKILLS

**Programming Languages:** Ruby, JavaScript, TypeScript, HTML, CSS, SQL, Java

**Frameworks, Libraries, Tools:** Ruby on Rails, React, Node.js, Bootstrap