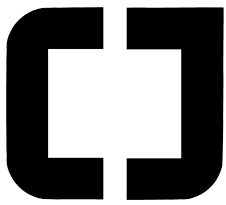# COLIN JAO
Software Engineer

GET IN TOUCH

- Dallas, TX, USA
- +1 (972) 379-9293
- colin@colinjao.com
- www.colinjao.com
- www.linkedin.com/in/colinjao

ABOUT ME

An accountant turned software developer, who is driven by his creativity and passion for creating modern impactful tools and applications in everyday life.

EXPERIENCE

Fannie Mae (Federal Nat'l Mortgage Association)
Feb 2018 - Present

Software Engineer II

Community First | Lead Front-End Developer

- Prototyped and shipped an MVP, securing $1.5M in funding from company COO executive
- Architected front-end application, implementing common software design patterns and addressing potential anti-patterns
- Led front-end engineering team, reviewing and merging pull requests per user story requirements, and providing feedback
- Collaborated with the real estate asset management team to automate their buying process, reducing contract / offer period to 8 business days
- Coordinated feature delivery with product owner and back-end API developers in an AGILE sprint cadence
- Implemented client-side caching to optimize web performance and server load, user authentication, dynamic form generator, file upload manager, content management system, property map search using Google Maps API

Angular Development Kit (ADK) | Front-End Developer

- Developed reusable UI Angular components at scale for use in internal web apps and tools
- Redesigned documentation portal for quicker navigation, learning, and implementation
- Unit tested dev kit components, reaching 90% code coverage required by third-party audit
- Injected Google analytics service to track component usage across teams and projects

Audiate
Jul 2018 - Jan 2019

Full Stack Engineer

- Designed a mobile iOS platform app for friends to share songs and create daily playlists
- Integrated Spotify's web API to give end users access to its library of over 30 million songs
- Collaborated with a UI/UX designer to implement logos/branding, colors, and intuitive controls
- Architected a back end RESTful API using Django models and Django REST Framework
- Secured API endpoints using OAuth 2.0 authorization flow to authenticate existing Spotify users

Ernst & Young, LLP
Oct 2014 - Jan 2017

Senior Tax Associate

- Automated the creation of entity-specific tax work papers, saving over 100 man-hours
- Performed audit and review procedures on corporate financial statement tax provisions
- Interacted with clients to corroborate and substantiate items impacting Effective Tax Rate

EDUCATION

Coding Dojo, San Jose, CA   Mar - Jul 2017
Full Stack Student

University of Texas, Austin   2009 - 2014
Master in Professional Accounting

LANGUAGES

JavaScript / TypeScript
Python
Java
Swift
SQL

FRONT END

Angular 2+
ReactJS / Redux
Bootstrap / Material
jQuery

BACK END

Node.js / Express.js
Django / REST Framework
Spring Framework
MySQL
PostgreSQL

DEV OPS

Git
Jenkins CI / CD
Jasmine / Karma
Docker
npm
Google Cloud
Amazon AWS

SOFTWARE

Visual Studio Code
JIRA
Sourcetree
InVision
Adobe Photoshop
Xcode
MAMP

ADDITIONAL INFO

WORK ELIGIBILITY
US Citizen. No sponsorship required.

LANGUAGES
English (Native)
Chinese (Conversational)

HOBBIES
Basketball · Flag Football · Guitar · Home Automation