

Joel Anil John

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Education

California State University, Fullerton

Graduation Date: December 2023

Bachelor of Science, Computer Science

GPA: 3.92

Relevant Coursework: Algorithm Engineering, Data Structures in C++, File Structures and Databases, Java Programming, Object Oriented Programming, Operating Systems

Work Experience

Aware, Inc.

Bedford, MA

Software Engineer Intern

June 2022 - December 2022

- Integrated **Amazon S3** with Spring Boot microservices to handle customer data using **Java SDK**
- **Developed 5 new API endpoints** to retrieve customer information and set data requirements
- Utilized **HTML** and **JavaScript** to develop a UI application with projected 100+ clients for onboarding processes
- Created 10+ client side rendered web pages using **Document-Object-Model Manipulation**
- Deployed **WAR files** on **Apache Tomcat** servers to develop and test web pages

Research Assistant

June 2019 - August 2019

- Drove data collection for facial recognition algorithms being developed by the research department
- Screened and prepped hundreds of facial images to be used in AI models
- Collaborated with both developers and researchers to ensure consistency throughout all screened images

Projects

Movify

- Web application built with **React** to allow users to search, discover, and create playlists of movies
- Utilized **Google's Firebase** to register and authenticate users.
- Integrated **Firebase Firestore database** to save, update, and retrieve user specific data
- Implemented the user interface using **Tailwind CSS** framework

Portfolio Website

- Built a personal portfolio website with **Angular** to showcase various side projects
- Utilized CSS framework **Bulma** to create user interface and overall aesthetic of the website
- Deployed and hosted the website through **Vercel**

ACM CSUF Websites

- Worked with a team of 23 contributors of California State University, Fullerton ACM chapter's website
- Developed the website using frontend compiler **Svelte**
- Streamlined workflow by enhancing a **Discord bot to send Pull Requests and New Issue comments** from GitHub into designated text channels on Discord
- Participated in website maintenance, bug fixes, and implemented new features

Discord Class Scheduler

- Collaborated on a Discord bot application for ACM to boost interaction between **800+ members**
- Enabled students to add and edit course schedules on discord servers with **Discord.py API**
- Created new Discord command to allow students to display course schedules on text channels

Leadership

ACM at CSUF (Association of Computing Machinery)

Fullerton, CA

Board Member

January 2022 - Present

- **Organized workshops** open to all students at California State University, Fullerton
- Conducted interactive demonstrations on tools such as **Python, APIs, GitHub, and frontend technologies**
- **Taught data structures and algorithms** weekly review sessions attended by 70+ students

Technical Skills

- Languages: Java, Python, C++, HTML/CSS, JavaScript, MySQL
- Frameworks: React, Bootstrap, Bulma, Express.js, Tailwind CSS
- Development Tools: VS Code, Git, GitHub, Linux Terminal, Eclipse, Apache Tomcat, Node.js, Maven