Aren Ashikian

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EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science in Computer Science (Current GPA: 3.82)   *Expected Graduation: December 2024*
- **Awards:** Dean's List (Fall 2022 - Fall 2023)
- **Coursework:** Algorithms, Operating Systems, Data Structures, Calculus II, Linear Algebra, Discrete Mathematics I, Discrete Mathematics II, Computer Systems Architecture, Cybersecurity Foundations and Principles

Irvine Valley College   Irvine, CA
Associate in Science with an Emphasis in Natural Sciences   *Aug. 2020 – May 2022*
- **Awards:** Dean's List (Fall 2021 - Spring 2022)
- **Certificates:** CodePath Certificate of Leadership

EXPERIENCE

Android Mobile Development Tech Fellow   April 2022 - June 2022
CodePath   *Irvine, CA*
- Led a comprehensive Android Development course at Irvine Valley College, instructing **10+** students in core programming concepts, UI design, and backend integration
- Spearheaded concepts like screen navigation and **integrating third-party** APIs (Twitter, Flixter, Parse)
- Delivered presentations on **Android mobile development** principles and conducted code demonstrations for weekly projects
- Explored effective ways to visualize collaboration on GitHub within a classroom setting

TPSF Summer Academy Intern   June 2019 - August 2019
Tustin Public School Foundation   *Irvine, CA*
- Introduced students to Lua programming in an educational version of Minecraft, fostering their coding abilities and engagement with virtual worlds
- Instructed students in the process of designing and creating 3D objects using software tools, and facilitated hands-on experiences with 3D printing technology, allowing them to bring their digital creations to life

PROJECTS

LED-Educational-ChatBot | *React, Flask, Docker, OpenAI 3.5 Turbo API*   February 2024
- Integrated **React.js** for the frontend, ensuring a **user-friendly interface** and smooth interaction experience
- Orchestrated the development of **LED-AI-ChatBot**, leveraging Docker for seamless deployment and scalability
- Demonstrated proficiency in a diverse tech stack, combining **Docker**, **Python**, and **React.js** to deliver a comprehensive educational AI solution

Klassicle | *Python, Flask, HTML/CSS, SQL (SQL Alchemy)*   April 2023
- Collaborated with a team of **5** developers to create a platform for students to share class experiences and rate professors
- Facilitated weekly scrum meetings to promote collaboration and track progress
- Managed project development and coordinated tasks, including the **product backlog** and bi-weekly **sprint backlog** using **Jira**

Doorway Security System | *Arduino, C++*   April 2023
- Engineered a laser-based access control mechanism to restrict unauthorized access, making the system functional and effective
- Employed a strong understanding of **hardware** components by successfully integrating **digital** and **analog** signals

TECHNICAL SKILLS

Languages: Python, Java, Swift, C/C++, React, HTML, Kivy, MIPS
Frameworks: Django, Flask
Developer Tools: Git, Github, VSCode, Xcode, Visual Studio, Eclipse, Android Studio, Creality, Blender
Skills: Teaching and Communication, 3D Modeling, Object-Oriented Programming