JONATHAN TRANS

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EDUCATION

University of California, Davis   September 2019 - June 2024
Undergraduate, BS in Computer Science   *GPA: 3.54/4.0*

COURSES

Data Structures and Algorithms, Computer Organization, Machine Learning, Database, Applied Linear Regression, Web Development, Software Engineering, Mobile Application Development, Foundations of Computer Science, Operating Systems, Computational Linguistics, Theory Computation, Computer Architecture, Computer Networks

EXPERIENCE

Software Engineer Intern   July 2022 - August 2023
AIM-HI   *San Francisco, California*
- Worked under the AI Social Media Marketing Development Team with emphasis on full-stack development, machine learning, and artificial intelligence
- Built iOS and web applications for the operations team and utilized machine learning code for captions AI
- Utilized tools such as React Native, C++, HTML, CSS, and Python

Software Engineer Intern   June - September 2021
GAOTek Inc.   *New York, NY (Remote)*
- Worked under the TekApps Web Store Development Team with an emphasis on full-stack development
- Built an Android app for GaoTek's full-stack applications and implemented new user-friendly features
- Utilized tools such as Kotlin, Android Studio, Parsehub, Firebase, HTML, CSS, and Git/Github

Software Developer Intern   April - June 2021
UC Davis   *Davis, CA*
- Developed interactive web applications and led a small team with an emphasis on front-end development
- Designed, developed, and deployed MAT 22AL: Linear Algebra Coursework Website under UC Davis Professor Ali A. Dad-del with over 1000+ student users from Fall Quarter 2021 through Spring Quarter 2023
- Utilized tools such as PreTexT, XML, LaTeX, HTML, CSS, Git/Github, and Python

PROJECTS

- **Red Panda -** Developed and deployed web applications utilizing the MEAN stack such as Node.js and React.js while using Google Firebase as the backend cloud and authentication system. Red Panda is a web application and website designed to raise awareness for the endangered species of red pandas with user chat capabilities.
- **UC Davis MAT 22AL Coursework Website -** Official Linear Algebra Coursework Website with over 1000+ student users from Fall Quarter 2021 through Spring Quarter 2023 under UC Davis Professor Ali A. Dad-del.
- **PYR Resource Pack -** Utilized Minecraft's Java source code using Java Developer Kit and FORGE, developed new lightmaps and designed 200+ new textures with Paint.net. Deployed product with 150,000+ downloads.

SKILLS

Languages   C++, Python, C, C#, JavaScript, Java, Objective-C, HTML/CSS, MATLAB, PHP, Kotlin
Frameworks   Django, React Native, React.js, Next.js
Tools   UNIX/Linux, Unity, Git/GitHub, Vim, React.js, MySQL, XML, LaTeX