ALEX TRAN

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Enthusiastic computer science major with strong logic/problem solving skills, a passion to learn, exceptional work ethic, and team building skills. Experienced in developing mobile applications natively and via cross platform.

EDUCATION

University of California Davis, Davis, CA

- GPA: Major - 4.0 | Cumulative - 3.8
- Expected Date of Graduation: June 2025
- Relevant Courses: Programming/Problem Solving in C

Milpitas High School, Milpitas, CA

- GPA: 4.23 / 4.0 (Summa Cum Laude)
- Date of Graduation: June 5, 2021
- Relevant Courses: AP Computer Science A, Web Development, IOS Development, Python Programming

SKILLS/KNOWLEDGE

Mobile Development: Android Studios, XCode, XML, Flutter

Web Development: HTML, CSS, Bootstrap, React.js

Programming Languages: Java, JavaScript, C, C++, C#, Swift, Python, Dart

Databases: MongoDB, SQLite, Firebase

Tools: GitHub, Visual Studio Code, Slack, Unix/Linux, Unity Game Engine, Photo Editors, Heroku

WORK EXPERIENCE

University of California Davis
Mobile Application Developer
November 2021 - Present
- Helping the migration of a webpage to a mobile application using the flutter framework
- Developing an app for the Davis Veterinary Department that displays/tracks disease data

Opportunity Knocks

Mobile Application Developer

September 2021 – November 2021

- Used Object Oriented Programming to add features to a flutter application
- Collaborated in a tech-startup environment in teams to produce a product
- Implemented a search/explore page that queries result from Firebase database
- Used APIs to further enhance certain features of the application

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Android Developer

June 2020 – September 2020

- Contributed to features and enhancements
- Built robust and scalable code using Java and XML
- Used Object Oriented Programming to build a native Android Application
- Designed UI/UX of the Profile and Settings screen

PROJECTS

Pong

- Built a custom Pong video game from scratch using Unity Game Engine in C#
- Created an opponent AI and a scoreboard system
- Implemented and animated the UI/UX
- Created controller scripts for input/output and manager scripts to control the workflow

Link: https://github.com/xelathan/Custom_Pong.git

States

- Built a native IOS Mobile Application with object-oriented programming using swift that shows a list of states and further info
- Created a thorough workflow with tabs and multiple screens
- Designed user-friendly UI with animations
- Added a search bar that queries for entries and stored/replicated all data using database

Link: https://github.com/xelathan/States.git

Fresh Bot

- Designed a bot on the platform, Discord, with JavaScript using node.js and multiple different libraries
- Bot Features: playing music audio, searching songs off of keywords, queuing songs, skip/stopping songs

Link: https://github.com/xelathan/Fresh_Bot.git

MAJOR ACHIEVEMENTS

- Summa Cum Laude (2021)
- Honor Roll Student (2017)
- Outstanding Academic Achievement Award (2017)
- Outstanding English Language Arts Award (2016)