

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. Looking for a position that can utilize my computer science skills in an internship at your company. Will diligently follow employer's instructions and will work hard to contribute to the needs and goals.

EDUCATION

University of California Davis, Davis, CA

- GPA: NA
- Expected Date of Graduation: June 2025
- Relevant Courses: ECS 36A

Milpitas High School, Milpitas, CA

- GPA: 4.23 / 4.0
- 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

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

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

Databases: MongoDB, SQLite

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

WORK EXPERIENCE

Cambi

Supervisor: Peter Amalraj (pamalraj@gmail.com, 408-242-6917)

Software Engineer (Intern)

- Learned the Cambi product and software stack
- 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

MATHeasy

Math Tutor

- Tutored K-12 in the subject of math
- Organized lesson plans/homework every week
- Led student-parent conferences
- Provided report cards for students

PROJECTS

Fresh Bot

- Designed a bot on the platform: Discord
- Bot Features: playing music audio, searching songs off of keywords, queuing songs, skip/stopping songs
- Wrote optimized code for better and faster streaming
- Programmed features of the bot using JavaScript
- Built the bot using node.js and an array of modules

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

Pong

- Built a custom Pong video game from scratch using Unity Game Engine
- Created an opponent AI and a scoreboard system
- Implemented and animated the UI/UX
- Wrote structured C# code to string all the components of the game together
- 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 that shows a list of states and further info
- Created a complex workflow with tabs and multiple screens
- Designed user-friendly UI with animations
- Added a search bar that queries for entries
- Stored and replicated all data using database

- Wrote scalable and robust Swift code

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

ACTIVITIES

Sleeping Bags 4 The Homeless Club

Founding member / Treasurer

- Worked with Leadership students/Student Council to obtain club funds
- Attended club council meetings and logged in monthly hours of the club
- Managed number of items and types of items being used for distribution
- Organized distribution dates and events

Yearbook Club

Graphic Designer/Member

- In charge of creating the pages of the yearbook; the layout, pictures, extra features, the graphics
- Obtained photos across different classrooms and clubs; Edited the photos
- Also hosted interviews of students to add into the yearbook
- Created unique backgrounds and graphics for use in the yearbook
- Helped to design the front cover of the yearbook

FC Milpitas Soccer Club

Member/Team Captain

- Led team from Bronze division to Gold division
- Enhanced member's teamwork skills
- Earned many positions at the top of the division and top spots in tournaments

MAJOR ACHIEVEMENTS

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

HOBBIES/INTERESTS

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|------------|------------|
| ■ Ceramics | ■ Japanese |
| ■ Spanish | ■ Piano |