

# ALEX TRAN

74 Edgewater Dr., Milpitas, CA | 408-406-2417  
alex.t.tran@gmail.com

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: Intro to C and Problem Solving

### 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, 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

---

### Opportunity Knocks

Mobile Application Developer

- Used Object Oriented Programming to add features to a flutter application
- Collaborated in a tech-startup environment in teams to produce a product
- Developed UI using scalable and reusable dart code
- Implemented a search bar that queries results from Firebase database
- Used APIs to further enhance certain features of the application

### Cambi

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

Android Developer

- 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

---

## 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](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](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

- Created the pages of the yearbook; the layout, pictures, extra features, the graphics
- 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

---

- |            |              |            |
|------------|--------------|------------|
| ■ Ceramics | ■ Piano      | ■ K-dramas |
| ■ Anime    | ■ Basketball |            |