

Abraham Trinh

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Education

Bachelor of Science, Computer Science (Software Engineering)

August 2018 – December 2022

Arizona State University – Tempe, AZ

GPA: 3.81 / 4.00

Honors: Summa Cum Laude, Eta Kappa Nu Honors Society, Dean's List (2018 – 2022)

Work Experience

Medtronic

Mounds View, MN

Software Engineer II

December 2024 – Present

- Developing and maintaining the MyCareLink Heart (MCLH) mobile application using native **Kotlin** and **Swift**
- Contributed to migration from **.NET MAUI** to fully native mobile platforms
- Collaborate with cross-functional teams (QA, UX, systems) in a safety-critical medical software environment
- Write and maintain unit tests and participate in code reviews to ensure quality and compliance

Software Engineer I

January 2023 – December 2024

- Developed features for MCLH using **Xamarin / .NET MAUI**
- Joined the MCLH support team, responding to production issues and questions for clinicians and stakeholders
- Supported **CI/CD** pipelines and automated testing workflows in **Azure DevOps**

Summer Engineering Intern

June 2022 – August 2022

- Developed **Azure DevOps** pipelines to implement **CI/CD** within MCLH development cycle

EdPlus at Arizona State University

Scottsdale, AZ

Computer Science Course Tech Assistant

March 2021 – December 2022

- Coordinated with ASU instructors to develop an interactive online course for an intro CS course teaching **Java**
- Developed in-depth video content to aid student learning in specialized topics
- Designed learning strategies for learning **Java** reaching 1600+ students

Ira A. Fulton Schools of Engineering at Arizona State University

Tempe, AZ

Undergraduate Teaching Assistant

January 2021 – December 2021

- Tailored individualized learning strategies for learning **C/C++** to 250+ students
- Facilitated office hours and monitored discussion board to answer student questions
- Reviewed lecture and quiz material to allow for effective teaching and learning comprehension

Technical Skills

Programming

C#, Java, C++, C, Python, MATLAB, Unix shell, Powershell

Mobile App Development

Swift, SwiftUI, Kotlin, .NET MAUI

Web Development

React, Node.js, Tailwind CSS

Tools

Git, Appium, Azure DevOps, Postman, Unity

Projects

Boba Buddy: iOS Application | Swift, UIKit, Google Places API

Designer and Developer

October 2021 – December 2021

- Developed an iPhone application using **Swift** and **UIKit**, allowing users to find nearby Boba Tea shops

Extracurricular

Google Developer Student Club at ASU

Vice President

January 2022 – December 2022

- Met with core executive members to discuss club meetings and develop coding workshops for 800+ club members

Creative Lead

August 2021 – January 2022

- Promoted upcoming events and managed event live streams

Sun Devils DJ Club at ASU

Marketing Lead

August 2021 – December 2021

- Collaborated with marketing team members to promote upcoming events and create advertising for social media

IEEE–Eta Kappa Nu, Epsilon Beta Chapter

Alumni

November 2021 – Present