

Abraham Trinh

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Education

Bachelor of Science, Computer Science (Software Engineering) Arizona State University – Tempe, AZ Honors: Summa Cum Laude, Eta Kappa Nu Honors Society, Dean's List (2018 – 2022)	August 2018 – December 2022 GPA: 3.81 / 4.00
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Work Experience

Medtronic <i>Software Engineer II</i>	Mounds View, MN <i>December 2024 – Present</i>
<ul style="list-style-type: none">Developing and maintaining the MyCareLink Heart (MCLH) mobile application using native Kotlin and SwiftContributed to migration from .NET MAUI to fully native mobile platformsCollaborate with cross-functional teams (QA, UX, systems) in a safety-critical medical software environmentWrite and maintain unit tests and participate in code reviews to ensure quality and compliance	
<i>Software Engineer I</i>	<i>January 2023 – December 2024</i>
<ul style="list-style-type: none">Developed features for MCLH using Xamarin / .NET MAUIJoined the MCLH support team, responding to production issues and questions for clinicians and stakeholdersSupported CI/CD pipelines and automated testing workflows in Azure DevOps	
<i>Summer Engineering Intern</i>	<i>June 2022 – August 2022</i>
<ul style="list-style-type: none">Developed Azure DevOps pipelines to implement CI/CD within MCLH development cycle	
EdPlus at Arizona State University <i>Computer Science Course Tech Assistant</i>	Scottsdale, AZ <i>March 2021 – December 2022</i>
<ul style="list-style-type: none">Coordinated with ASU instructors to develop an interactive online course for an intro CS course teaching JavaDeveloped in-depth video content to aid student learning in specialized topicsDesigned learning strategies for learning Java reaching 1600+ students	
Ira A. Fulton Schools of Engineering at Arizona State University <i>Undergraduate Teaching Assistant</i>	Tempe, AZ <i>January 2021 – December 2021</i>
<ul style="list-style-type: none">Tailored individualized learning strategies for learning C/C++ to 250+ studentsFacilitated office hours and monitored discussion board to answer student questionsReviewed 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 <i>Swift, UIKit, Google Places API</i>	<i>October 2021 – December 2021</i>
<i>Designer and Developer</i>	

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

Extracurricular

Google Developer Student Club at ASU <i>Vice President</i>	<i>January 2022 – December 2022</i>
<ul style="list-style-type: none">Met with core executive members to discuss club meetings and develop coding workshops for 800+ club members	
Creative Lead	<i>August 2021 – January 2022</i>
<ul style="list-style-type: none">Promoted upcoming events and managed event live streams	
Sun Devils DJ Club at ASU <i>Marketing Lead</i>	<i>August 2021 – December 2021</i>
<ul style="list-style-type: none">Collaborated with marketing team members to promote upcoming events and create advertising for social media	
IEEE-Eta Kappa Nu, Epsilon Beta Chapter <i>Alumni</i>	<i>November 2021 – Present</i>