

Vincent Nguyen

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EDUCATION

University of Illinois at Urbana-Champaign

Expected May 2024

Bachelor of Science in Computer Science

GPA: **3.74/4.00**

Relevant Coursework: iOS Mobile App Development, Data Structures and Algorithms, Computer Programming in Java, Discrete Mathematics, Linear Algebra with Computational Applications

EXPERIENCE

FLIT Invest – iOS Developer Intern

November 2021 – January 2022


- Worked in an **Agile development environment** at a startup to improve the existing signup flow on the iOS mobile application.
- Discussed potential application layouts and features with UI/UX designers.
- Collaborated with iOS Developers to implement **Figma** mockups into the application using **UIKit** and **Model-View-Controller Architecture (MVC)**.

PROJECTS

Remora – SwiftUI, ARKit

HackIllinois 2022 Winner

- Led a team of student developers to create a mobile application that reminds people to drink water, and tracks water intake using a fish tank in augmented reality.
- Placed **1st** out of **200** participants at the University of Illinois's hackathon.

LoveTouch  – SwiftUI, HealthKit, Firebase, Push Notifications June 2021 – Present

- Developed and shipped a **watchOS** application to Apple App Store that allows long-distance couples to stay connected by exchanging vibrational tap messages and providing users' live heartbeat data.
- Utilized a **NoSQL** database and implemented **Model-View-ViewModel (MVVM)** Architecture to operate user pairing, sending and receiving tap messages, and broadcasting live heartbeat data.
- Connected 300+ couples in long-distance relationships.

Ghost Pilots  – UIKit, SpriteKit, Firebase

September 2020 – May 2021

- Collaborated within a team of three to design and **publish** an **iOS** online multiplayer space shooter game to the Apple App Store.
- Leveraged **Firebase Realtime Database** to operate online multiplayer games by syncing users' in-game data such as ship position and direction.

SCHOOL ACTIVITIES

WaggleNet – Mobile App Developer

September 2021 – Present

- Developing an iOS application that provides beekeepers with beehive data collected from IoT sensors.
- Utilizing **Amazon Web Services** to store and read beehive data such as humidity, temperature, and camera feed.

SKILLS

Languages: Swift, Python, C , Java

Technologies: Xcode, SwiftUI, UIKit, Core Data, Git, Firebase, Amazon Web Services, ARKit, SpriteKit, WatchKit, HealthKit