

# Lam Nguyen

[lam65nguyen@tamu.edu](mailto:lam65nguyen@tamu.edu) | 512-993-4593 | [linkedIn/lamnguynn](https://www.linkedin.com/in/lamnguynn) | [github/lamnguynn](https://github.com/lamnguynn)

## EDUCATION

### Texas A&M University

College Station, TX | May 2023

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | GPA: 3.78

Coursework: Data Structures and Algorithms; Computer Organization; Programming Languages; Discrete Structures

## SKILLS

Languages: Swift, C++, C, Python, Java, HTML, Objective-C, CSS, Javascript, Lua

Databases: Core Data, Realm Database, Keychain

Technologies: Cocoapods, Xcode, Vim, Git

## WORK EXPERIENCE

### TEXAS A&M UNIVERSITY | UNDERGRADUATE PEER TEACHER

College Station, TX | Aug 2020 - Present

- Maintained expertise in **Python** in order to provide students with an array of solutions and approaches.
- Led and assisted in lectures and labs weekly, and helped to provide one-on-one help to students in a timely manner.

### CODE NINJAS | LEAD ASSOCIATE CODE SENSEI

Round Rock, TX | Sept 2018 - Jul 2020

- Developed and improved curriculum for various programs offered year-round such as games in **Lua** and **JavaScript**.
- Introduced new learning techniques that have seen positive feedback from students and parents.
- Managed a team of seven Senseis to ensure objectives are met from parents and center director.
- Displayed excellent customer service when working with parents to make sure their requests are met and communicated to the team.

## PROJECTS

### ALL KEYS

SWIFT, UIKIT, CORE DATA, KEYCHAIN, GRAND CENTRAL DISPATCH

- Developed and published a password manager app that allows users to store their credentials securely using Apple's Keychain API, and utilize them using auto fill.
- Implemented AES-256 encryption and biometrics to enhance the security of the app and its auto fill extension. Additionally, added entitlements to protect the app's files such as the Core Data Stack.
- Built the user interfaces almost entirely programmatically, and implemented various efficiency features such as Grand Central Dispatch and Automatic Reference Counting, to ensure that the app is responsive and fluid.
- Built various frameworks for the app such as a drop-down button and half-modal view controller, and uploaded them to **Cocoapods** via **Git** and Terminal.

### ALL FIT

SWIFT, UIKIT, CORE DATA

- Developed and published a simple fitness planning app that helps users build their workout plan with pre-added exercises and tips, or add their own.
- Built the app using storyboard with a MVC approach, and utilized Core Data to save data from user.
- Created and utilized various animations to make the app more engaging.

### ZOOM LAUNCHER CHROME EXTENSION

HTML, CSS, JAVASCRIPT

- Developed a Chrome Extension to conveniently launch zoom links during the start of quarantine.
- Utilized third-party applications to add custom icons and fonts via CORS Request.