

# XUAN HY NGUYEN

## Undergraduate Computer Science

✉ Itannudin@gmail.com    ☎ +1 (914) 649-0295    📍 Boston, MA    🔗 <https://ltann.github.io/>  
🌐 <https://linkedin.com/in/xuan-hy-nguyen/>    🐙 <https://github.com/ltann>



## EXPERIENCE

### Software Engineering Intern

#### SAIL at Hariri Institute of Computing

📅 May 2020 - August 2020    📍 Boston, MA

- Augmented a user system API starter with a database administrative system.
- Refactored API routes allowing improved modularity and re-usability, decreased over 10% in legacy codebase.
- Implemented NoSQL collections for server routes, allowing configurable scopes during server side rendering.
- Reducing over 30 project's development cost by streamlining their authentication system.

### Course Assistance

#### Boston University

📅 Jan 2020 - May 2020    📍 Boston, MA

- Taught groups of 20 students in a weekly lab about the fundamentals of programming in Java.
- Described as "funny, enthusiastic, and engaging teacher who could simplify everything easily" based on student surveys.
- 30% of students recommended me to future students taking the course as a reliable resource.

## PROJECTS

### BookWorm

#### Productivity Research Web App

📅 Sept 2019 - Present

- Founded and created a tab management system for students and scholars to research more productively online.
- Led a team of 6 in developing the product and operated closely with teammates as scrum master and team leader.
- 100% of users felt an increase in their productivity and motivation during user research and surveys.
- Awarded Best Idea and Best Design on SPARK Demo day.

### MoneyBall

#### Social Network For Bets and Challenges

📅 Jan 2020 - May 2020    📍 Mobile App Development Course

- Developed a chat platform that allows friend groups to bet and challenge each other on sports or open topics.
- Responsible for the implementation of the database using Firebase Realtime Database and Storage for securing and storing user related data.
- Described as a "real go-getter, taking initiative in teamwork and responsibility" by professors and team members.

## SKILLS

Java   Python   JavaScript   React JS

HTML/CSS   C

Node   Hapi.js   MongoDB   Firebase

Mobile App Development

## EDUCATION

### B.A. in Computer Science

#### Boston University

📅 Sept 2018 - May 2021

GPA: 3.5, Dean's List

### IOS App Course

#### ID Tech

📅 Summer 2018    📍 Princeton, NJ

Created a mobile IOS platform version of Asteroid using Swift and XCode.

## TECHNICAL COURSE-WORK

- Innovation Fellowship
- Software Engineering Practicum
- Mobile App Development
- Data Structures and Algorithms
- OOP Design in Java
- Discrete Math
- Fundamentals in Computer Systems
- Combinatorial Structure

## CLUBS AND INTEREST

### Dean's Host

#### Student Representative

📅 Freshman 2018 - Present

Worked intimately with the Dean in promoting leadership in BU community.

### BUILDS

#### Active Member

📅 Freshman 2018 - Present

Involved in creating a hackerspace for students to socialize and interact on potential projects.