

XUAN HY NGUYEN

Undergraduate Computer Science

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📍 Boston, MA 🔗 https://ltann.github.io/
🐙 https://github.com/ltann



EXPERIENCE

Course Assistance

Boston University

📅 Jan 2020 - Present 📍 Boston, MA

- Taught groups of 20 students in a weekly lab about the fundamentals of programming in Java
- Held 3 hour long weekly office hours to reinforce student's programming skills

PROJECTS

reRead

Chrome Extension tool for Dyslexia

📅 BostonHack 2019

- Increased dyslexic user's reading efficiency by developing a chrome extension tool that changes the layout of web pages they read
- Used JavaScript and JQuery for the chrome extension framework and HTML/CSS for the design of the popup dialog
- Organized a team of 3 others that helped create the functionality of the tool and presentation features

World War Ants

Open-Source 2D Strategy Game

📅 June 2018 - Present

- Taught players the real-life war between unique ant colonies by designing frameworks of the WWA using Java
- Managed a group of 20 people to designing ant classes and their implementation.

MiniBank

Boston University

📅 CS 591 - OOP Design in Java

- Implemented a Bank system that allows security accounts to trade shares and bonds using Java and MongoDB.
- Strategized the logic of the system to maintain OOP design principles
- Debriefed to peers allowing for improvements in software design and satisfying the needs of potential users.

BookWorm

Productivity Research Web App

📅 Sept 2019 - Present

- Assisting students and scholars who want to research more productively by automating tab management and annotating web researches
- Organized a team of 6 in developing the product and operated closely with teammates as a scrum master

SKILLS

Java C Python Swift JavaScript
HTML/CSS Mobile App Development

Gradle Android Studio Maven Git
WSL XCode

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

- OOP Design in Java
- Data Structures and Algorithms
- Mobile App Development
- Spark Practicum
- Discrete Math
- Innovation Fellows
- 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