

# XUAN HY NGUYEN

## Undergraduate Computer Science

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## PROJECTS

### BookWorm

#### Productivity Research Web App

Sept 2019 - May 2020

- Founded and created a tab management system for students and scholars to research more productively online.
- Organized a team of 6 in developing the product and operated closely with teammates as a scrum master

### MoneyBall

#### Social Network For Bets and Challenges

Jan 2020

Mobile App Development

- A chat platform that allows friend groups to bet and challenge each other on sports or open topics.
- Implemented the database using Firebase RealtimeDatabase to store user info, groups and wagers made. Stored photos using Firebase Cloud Storage

### 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.

### 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

## 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 labs to reinforce students programming skills

## SKILLS

Java

C

Python

JavaScript

JSX

HTML/CSS

React

Node

Firebase services

Git

XCode

Android Studio

## 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