

# Bradon Zhang

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## Education

### University of Florida – B.S. in Computer Science

May 2022

- ❖ 4.0/4.0 GPA
- ❖ Honors Program
- ❖ Undergraduate Research Scholars Program
- ❖ Relevant Coursework: Data Structures, Information and Database Systems, Regression Analysis, Linear Algebra, Competitive Programming

## Skills

- ❖ Experienced with **Python, JavaScript, React Native**, and **C++**
- ❖ Familiar with **React.js, Firebase, Git, Java, R**, and **PHP**

## Work Experience

### Software Developer Internship

Summer 2019

SiteForm, Gainesville, FL

- ❖ Used React Native to build a startup mobile app for construction workers and general contractors, digitalizing construction paperwork and promoting jobsite safety
- ❖ Wrote backend functions, such as to send emails and generate PDFs, using Node.js and Firebase
- ❖ Created a landing page for the SiteForm app using HTML5, CSS3, Bootstrap, and JavaScript (with AJAX)

### Web Developer Internship

Summer 2017, Summer 2018

University of South Florida, Tampa, FL

- ❖ Created a web UI with JavaScript and PHP to showcase Dr. Yicheng Tu's massive parallel computing research
- ❖ Designed a web UI to dynamically visualize the sales data used in Dr. Yicheng Tu's research by using HTML, CSS, and the D3 JavaScript library

## Independent Projects

### Imao-bot, a Discord bot

June 2018 – December 2018

- ❖ Created, managed, and maintained Imao-bot with Python
- ❖ Used the API of the text and voice chat app Discord to add social and administrative features to Discord servers
- ❖ Currently being used by over 3000 Discord servers

## Honors and Awards

### Bloomberg Global CodeCon 2019 Qualifier

November 2018

- ❖ Received second place in the University of Florida qualifying round of one hundred competitors
- ❖ Used Python to solve coding problems provided

### Google Hash Code 2019

February 2019

- ❖ Worked in a team of four to solve and optimize a coding problem using Python
- ❖ Scored first place in the University of Florida out of eight teams and 38<sup>th</sup> place in the U.S. out of 250 teams

### National Merit Finalist

February 2018

- ❖ Received the Benacquisto Scholarship for earning high marks on the Preliminary SAT (PSAT)

## Leadership

### Treasurer of Game Developers' Association

April 2019 – Present

University of Florida, Gainesville, FL

- ❖ Working with other club members to create video games from scratch
- ❖ Learning game development using Unity

### Secretary of Computer Science Club

August 2016 – April 2018

King High School, Tampa, FL

- ❖ Taught programming fundamentals and competitive programming principles to around 15 club members
- ❖ Met weekly to learn programming concepts and practice programming problems