

Tommy Carrascal

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Education

Florida International University, Miami, FL
Computer Science B.S

Expected: December 2020
GPA: 3.40

- **Relevant Coursework:**

- Logic for comp sci
- Data Structures
- Algorithm Techniques
- Database Management (SQL)

Experience

GoDaddy, Tempe, AZ

Summer 2019

Software Engineer Intern

- Incoming full-stack developer intern on the GoDaddy UX Platforms team
- Will be working on web and native components used by all products teams at GoDaddy

Florida International University, Miami, FL

Spring 2019-Present

Undergraduate Teaching Assistant

- Teaching assistant for Intermediate Java (COP 3337)
- Grade students assignments/exams and provide feedback and corrections on their code

Boatrax, Miami, FL

Summer 2018

Software Developer Intern

- One of 3 main developers in Miami-based startup
- Developed the IoT platform with Node JS/Node Red. Created scripts to handle continuous flow of data
- Developed the UI and functionality of the main web application with React JS
- Designed the database structure by creating appropriate tables and columns in MySQL
- Carried out scrum agile methodology with daily standups and weekly sprints

Projects

Flash.ai | Normalizes epileptic videos | Winner: Favorite Overall, SwampHacks 2019

Spring 2019

- Chrome extension/mobile app that uses a custom AI model to detect and reduce seizure inducing frames in videos
- Developed the chrome extension with JavaScript, and designed the UI with HTML and CSS
- Built with JavaScript, Express, Python, Flask, Tensorflow, and React-Native

League of Laughs | Web and mobile party game

Spring 2019

- Developed a jackbox-style party game that consists of a mobile/web app and server with multiplayer functionality
- Used websockets for real time interaction of the game between the clients and server
- Built with React/React-Native, Typescript, Express, and deployed to Heroku

ShellHacks Software | Backend platform

Spring-Fall 2019

- Developing a user registration system with authentication for an event of around 1000 participants
- Provide services for uploading resumes, storing information in google sheets, and sending confirmation emails
- Built with Express, MongoDB, socket-io, and various npm packages

Skills

- Java, JavaScript/TypeScript, Python
- React/React-Native, Material-UI, Bootstrap
- Node JS, Express, GraphQL, MySQL, MongoDB
- Git, Linux, Heroku, Digital Ocean

Leadership

Upsilon Pi Epsilon | Executive-Board: Program Director

Fall 2018-Present

- Responsible for planning and executing the software development workshops under the UPE Code program
- Lead a committee and delegate tasks that need to be completed for the program
- Workshops include web development, Git/Github, Data Science and more with 100 attendees on average
- Attend weekly meetings to discuss logistics for an organization of over 2,000 members

ShellHacks | Workshops lead | Lead Backend Developer

Summer 2018 - Present

- Planning and organizing technical workshops for the largest hackathon in Florida with over 50 sponsors
- Currently leading the backend development
- Developed the 2018 website and managed to attract over 1000 applications

Awards

- **Bright Futures Florida Academic Scholar**

August 2016 - Present