

# Dylan D. Skelly

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## EDUCATION

### University of Central Florida

Class of 2022

- GPA: 3.83
- Currently enrolled in Bachelor of Computer Science
- Coursework: Calculus 2, Computer Science 2, Object Oriented Programming, Intro to Discrete Structures
- Awards/Honors: Presidents Honor Roll Certificate (Full-Time), AP Scholar with Distinction, Florida Medallion Scholar

## SKILLS

**Programming Languages:** (Proficient): Java, Python, C, JavaScript, HTML/CSS (Familiar): SQL, PHP

**Language:** Fluent in English, Limited Spanish

## WORK EXPERIENCE

### Software Engineering Intern, MITRE

August 2019 – Present

- Building front-end and iterating on existing API for a profile dashboard that lets the user view their schedule, documents, etc.
- Implementing a splash screen with beginner's resources that users can see on login for a dynamic web application.
- Collaborates with team of three other interns on furthering the development of a web app titled Team Overmatch.
- Leveraging knowledge in React.js, Node.js, Redux, Express.js, MongoDB, NoSQL, Bootstrap, JavaScript, HMTL, CSS, Git.

### Software Development Intern, Go Port

May 2019 – August 2019

- Implemented over 15 new pages for website that sees over 500,000 customers a year by recreating the HTML, CSS, and JavaScript for each page to match new design for it and changed routing on several pages to match a new system we have in place.
- Created a REST API and front end for a profile settings page for admin dashboard to allow for users to manage their account.
- Built 9 dynamic charts for visualizing over three years of orders by cruise, package type, and other categories to assist marketing.
- Leveraged Knowledge in Full Stack Web Development, MySQL, PHP, JavaScript, Chart.js, JQuery, Bootstrap, HTML, CSS, SCSS, Git.

### Software Development Intern, GratSee Inc. (Startup)

February 2019 – May 2019

- Developed new filter system for both the restaurant and worker views of the app, created all front-end components and routing for admin dashboard, and implemented a new design for four screens of the application. Efforts allowed the app to experience a successful launch on the Google Play Store.
- Leveraged Knowledge in React.js, Node.js, React Native, Redux, Next.js, JavaScript, Bootstrap, Android Studio, HTML, CSS, Git.

### Coding K12 Student Research Assistant, Orange County School District

January 2019 – April 2019

- Assisted a team of undergraduate research assistants in developing educational resources for students in Orange County that combined programming and the school curriculum to ease implementation. These resources are being implemented in every seventh-grade science class in a district of 15,000 students this year.
- Leveraged knowledge in Python, Matplotlib, Pandas, Numpy, Jupyter Notebooks, Google Collab.

## PROJECTS

### Knight Hacks Event Website

August 2019 - Present

- Working with team of seven other developers and three designers to create a dynamic web application that will serve as the primary source of knowledge and the means of registration for our hackathon this year, with an expected 800 attendees.
- Utilizing: React.js, Node.js, Redux, JavaScript, HTML, CSS, NoSQL, Google Cloud Platform, Firebase, Git.

### Weeks w/ Friends

July 2019 – Present

- Android app that allows the user to more easily plan their week around their friends. Users can create accounts, schedule events for their week, add friends, and view/comment on friend's weeks.
- Utilizing: Java, XML, NoSQL, Firebase, Google Cloud Platform, Android Studio, Figma, Git.

### Random Restaurant

December 2018 – January 2019

- A website to randomly generate restaurants in a user's area from a set of inputs specified by the user.
- Utilized: HTML, CSS, Python, Flask Microframework, Bootstrap, Yelp Fusion API, Git.

## LEADERSHIP EXPERIENCE

### Vice President / Director, Knight Hacks

January 2019 – Present

- As vice president, increased weekly club attendance from 25 people weekly at beginning of my involvement to over 110 people by working with team of four executive board members to coordinate many aspects of the organization like weekly workshops on different technologies, events with sponsors, and the overall success of the organization.
- As a director, works with seven other directors in the organization of the Knight Hacks hackathon event at UCF, with over 800 expected attendees this year. My area of focus is on utilizing and collecting data to aid decision making for the event.

### Mentor, First Step UCF

August 2019 - Present

- Organizing weekly meetings on career development skills like resumes, LinkedIn, personal projects, etc. to a group of five freshman at UCF. Purpose is to increase their potential of becoming involved with an internship, undergraduate research, or other enriching experience in order to get ahead their freshman year.