

Dylan D. Skelly

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EDUCATION

University of Central Florida

Class of 2022

- GPA: 3.83 / 4.0
- Currently enrolled in Bachelor of Computer Science
- Coursework: Data Structures and Algorithms, Object Oriented Programming, Introduction to Discrete Structures, Calculus 2
- Awards/Honors: Presidents Honor Roll Certificate (Fall 2018), Dean's List (Fall 2018, Spring 2019, Summer 2019)

SKILLS

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

Languages: (Fluent): English (Limited): Spanish

WORK EXPERIENCE

Software Engineering Intern, MITRE

August 2019 – Present

- Built front-end and iterated on existing API for a profile dashboard that lets the user view their schedule, documents, etc.
- Created page to display important materials and resources for users and stored assets on a MinIO object storage platform.
- Implemented a splash screen with beginner's resources and embedded content that will help guide users when they login.
- Collaborates with team of three interns on furthering the development of a dynamic 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 a website that sees over 500,000 customers a year by recreating the HTML, CSS, and JavaScript for each page to match a new design system. Changed routing on several pages to match a new model we employed.
- 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 five developers and four 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 1000+ expected users registering through the app.
- *Utilizing: React.js, Node.js, Redux, JavaScript, NoSQL, Google Cloud Platform, Firebase, HTML, CSS, Git.*

Weeks with 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 a list of 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, worked with group 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 board of seven directors to organize the Knight Hacks hackathon event at UCF, with over 800 expected attendees this year. My area of focus is collecting and utilizing data to make informed recommendations on planning for event.

Mentor, First Step UCF

August 2019 - Present

- Organizing weekly meetings on career development skills including resumes, Github, LinkedIn, etc. to a group of six freshman at UCF. The purpose is to increase their potential of becoming involved with an internship, undergraduate research, or other enriching experiences in order to maximize opportunities their freshman year.