

Jonathan Docteur

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EDUCATION

Bachelor of Science in Computer Science, *University of Florida* Expected Graduation May 2026
Relevant Coursework: Programming Fundamentals I (Python), Programming Fundamentals II (C++), Discrete Structures
Honors and Awards: Machen Florida Opportunity Scholarship (MFOS)

Certificate in Advanced Technical Interview Prep, *CodePath* September 2022 – November 2022

- Completed a 10-week advanced data structures and algorithms course from CodePath
- Topics covered in the course include strings, arrays, hash maps, linked lists, stacks, queues, and big O notation

SKILLS

Programming Languages

Python, C++, HTML, CSS, JavaScript

Libraries & Frameworks

React, NodeJS, ExpressJS, Bootstrap

Tools

MongoDB, Google Firebase, Figma, Git, Postman

Languages

English, Haitian Creole

EXPERIENCE

CodePath, *Intermediate Web Development Course Tech Fellow* January 2023 – Present

- Recruited 10+ students at the University of Florida to enroll in CodePath courses through social media and student organizations
- Provided the first line of technical support, feedback, and troubleshooting for students throughout the semester
- Built **interactive frontends** with **React** and utilized HTTP methods to interact with data in Web APIs
- Collaborated closely with CodePath.org operations team to support, assess, and improve the student learning experience

SureStart, *Virtual AI Learning (VAIL) Trainee* January 2023 – Present

- Learned AI concepts, deep learning skills, and ethical AI considerations
- Worked with machine learning models and gained hands-on experience utilizing **AI concepts** to solve real-world problems

Consider Herbs, *Intern* August 2022 – December 2022

- Designed** and **developed a website** that facilitates custom and bulk orders, inventory, and material management of products using SquareSpace and Square
- Social media account manager producing educational videos and 10+ infographics about herbs and their benefits

Google, *Computer Science Summer Institute (CSSI) Participant* July 2022 – August 2022

- Completed a 4-week project-based HTML/CSS and JavaScript curriculum taught by Google engineers
- Configured 15 individual coding projects in JavaScript by using concepts such as variables, data types, and functions
- Worked alongside two other participants to build a website that featured 3 games developed using **HTML, CSS, JavaScript**
- Developed a trivia game and character guessing game through the use of **APIs** (opentdb, superhero-api)
- Delivered a collaborative final project presentation that included a live demonstration to Google employees and 30+ participants

TECHNICAL PROJECTS

Fitness Buddy, *HTML, CSS, JavaScript, MERN Stack* August 2022

- Developed a **full stack** application, utilizing MERN Stack, to provide a tracking tool for meals and workouts
- Created backend APIs of user inputs through **NodeJS** and **ExpressJS**
- Utilized **mongoose** Object Data Modeling to declare models and schemas to create strict **data structures**
- Created a database using **MongoDB** to store workouts and meals unique to the user in **JSON**
- Developed dynamic components in the frontend with **React** to conveniently create and manage data
- Utilized **Bcrypt** to hash passwords and **JavaScript Web Tokens** to streamline authentication allowing user data protection for logins, signups, and logouts

INVOLVEMENT

Freshman Leadership Engineering Group, *Collegiate Committee Ambassador* September 2022 – Present

- Fostered growth of the freshman engineering class at UF through educational events to improve soft skills, promote academic success and provide a holistic experience within the college of engineering
- Collaborated with a team of 9 other members to execute college-oriented informational events while focusing on teamwork and collaborative leadership skills