Rishi Sajay

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Education

University of Florida | Bachelor of Science in Computer Science | 2024

- Herbert Wertheim College of Engineering | Dean's List Recipient (Fall 2021, Spring 2022)
- **GPA**: 3.96/4.00
- **Related coursework**: Data Structures and Algorithms, Computer Organization, Databases 1 and 2, Software Engineering, Applied Machine Learning, Linear Algebra, Differential Equations

Skills

Programming Languages: C++, Python, Java, C#, MATLAB, HTML, CSS, JavaScript, R, SQL

Application Design: Kivy, KivyMD, Django, Unity

Other Skills: Scikit Learn, Keras/TensorFlow, Autodesk Maya, Adobe Photoshop

Projects

Portfolio Website

- Developed a personal portfolio with html, CSS, and JavaScript.
- To view additional projects and learn more about me, go to http://www.rishisajay.com

The Move

- Developing a full stack mobile app to help college students better plan their nights. Users can vote where they are planning on going, along with viewing other users' votes and how popular various locations are. For a more in-depth description, please visit my website.
- Built with the Kivy library, Django, and python. Projected completion: October 1st.

Flight Optimization Project

- Created a program that gives users the most efficient flight paths based on cost for trips within the US with C++.
- Utilizes 2018 US flight data based on The Bureau of Transportation Statistics and the library TGUI for the user interface.

Extracurricular Activities

Dream Team Engineering (DTE) | Team: Dream Team U | Sub team: Diabetes VR

- Software Division of DTE dedicated to improving hospital stays at Shand's Pediatric Hospital
- Utilize virtual reality to create an educational game to teach pediatric diabetes patients about their conditions and teach them about the nutritional value of what they eat to help them better estimate their insulin doses.

Freshman Leadership Experience | FLE

- Mentor undergraduate freshman majoring in computer science

Work Experience

Stephen C. O'Connell Center | Event Staff | August 2021 – December 2021

- Ensured the security and safety of all patrons, directed crowds and traffic during major events, and helped set up technical equipment for concerts and other events.