

Gabriela Shamblin

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Education

University of Central Florida

Master of Science, Computer Science

GPA: 4.00/4.00

Expected Graduation: *December 2024*

Bachelor of Science, Computer Science

GPA: 3.66/4.00

December 2023

Experience

Virtual Reality Developer | Johns Hopkins University

Apr. 2024 - Present

- Creating a virtual reality simulation for the da Vinci surgical system using Unity.
- Imports data from the JIGSAWS dataset to create a dynamic learning experience.

Software Engineering Intern | JPMorgan Chase & Co.

Jun. - Aug. 2023

- Created a user interface for an internal application used by 30,000 users with React.js and Springboot.
- Communicated with shareholders about project specifications.
- Tested code using Jest and ensured ADA compliance.

Full Stack Intern | Epic North LLC

Jun. 2022 - Apr. 2023

- Communicated with client to repair website code and optimize website functionality.
- Utilized Angular, TypeScript, ASP.NET, SQL, and Azure DevOps.

Projects

SenseRator | Python, Open3D

Feb. 2023 - Dec. 2023

- A group project of 5 people for Senior Design.
- Uses lidar and camera to capture the environment.
- Performs object detection on RGB data and displays localized output to user.

Virtual Reality Engineering | Unity, C#, SteamVR

Jan. - Apr. 2023

- Unity projects on different topics created for CAP 5115: Virtual Reality Engineering
- Topics include virtual environments, traveling, interactions, physics, animations, and user interfaces.
- Uses an algorithm based on the importance of classes to create a personalized schedule.

Top of the Schedule | React, JavaScript, ExpressJS, MongoDB

Feb. - Apr. 2022

- A group project of 7 people for COP4331 (Software Development).
- Allows users to create a college career schedule for the UCF Computer Science undergraduate program.
- Uses an algorithm based on the importance of classes to create a personalized schedule.

Skills

Java | Python | HTML | CSS | JavaScript | React.js | Angular | ASP.NET | Git | Unity | C#
AWS Certified Cloud Practitioner | Agile