

Sarah Myerson

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[561-602-4443](tel:561-602-4443)

Education

University of Central Florida

Bachelor of Science in Computer Science, Minor in Cinema Studies

Orlando, FL

December 2022

Experience

Disney Parks, Experiences, and Products

Lake Buena Vista, FL

Systems Engineering Intern

January 2023 — Present

- Supporting the Guest Experience by optimizing and automating the development pipeline of system level attraction simulations and digital twins for Logix5000 based ride control systems.
- Lead the development of a digital twin of Disney's Expedition Everest attraction.
- Expanded the capabilities of an in-house software application based in C# to produce high-fidelity simulations of ride control systems.
- Developed components for a hardware-in-the-loop simulation of EPCOT's Mission: SPACE attraction.
- Built a CI/CD pipeline with GitLab CI for an internal software application.
- Assisted internal users with troubleshooting deployed software using test-driven development to fix bugs.

Walt Disney World Resort

Lake Buena Vista, FL

Attractions Cast Member and Trainer

May 2019 — January 2023

- Ensured the safe operation of the Twilight Zone Tower of Terror and Mickey and Minnie's Runaway Railway.
- Working as a team with engineering services to efficiently resolve downtimes.
- Taught the Operating Guidelines to new Cast Members at the Theater of the Stars.

Palm Beach County School District

West Palm Beach, FL

Software Engineering Intern

Summer 2015 & 2016

- Designed and developed a React application with an Express.js backend.
- Implemented a unit testing plan to validate that each component executes as expected.
- Owned the API development for a product built on the .NET Framework using C# which was deployed on Microsoft Azure.
- Responsible for the design and development of relational SQL databases.
- Experienced working with an agile development process.
- Documented data usage and collection to ensure FERPA compliance.

Technical Skills

Programming Languages

- C, C#, Java
- Python, PowerShell
- JavaScript, TypeScript
- HTML, CSS, PHP, SQL
- Ladder Logic
- XML, JSON

Control Systems

- ControlLogix

Libraries/Frameworks

- .NET, Node.js, jQuery, AJAX, Angular
- React, React Native, Express.js

Web Servers

- Apache, Nginx

Version Control

- Git, GitLab, GitHub

IDEs

- Eclipse, Visual Studio
- Studio 5000

Database Servers

- SQL, MySQL, MongoDB

Programs

Transforming Connections Buddy Program, Mentor, Disney G.E.T.

2023 — Present

Disney Aspire Program, Walt Disney World Resort

2019 — 2022