

Sarah Myerson

<https://sarahmyerson.com>

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

Education

University of Central Florida

Orlando, FL

Bachelor of Science in Computer Science, Minor in Cinema Studies

December 2022

GPA: 3.255

Experience

Disney Parks, Experiences, and Products

Lake Buena Vista, FL

Software Engineering Intern

January 2023 — Present

- Working with Global Engineering & Technology on the Modeling, Simulation, and Training Tools team.
- Supporting the Guest Experience by optimizing the development pipeline of attraction hardware-in-the-loop simulations and digital twins.
- Create an in-house software application to provide high fidelity simulations.

Walt Disney World Resort

Lake Buena Vista, FL

Attractions Hostess and Trainer

May 2019 — January 2023

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

Palm Beach County School District

West Palm Beach, FL

Student Intern

June - August 2016

- Designed and developed a React application with an Express.js backend.
- Implemented a testing plan to validate that each unit executes as expected.
- Documented data usage and collection to ensure FERPA compliance.
- Utilized GitHub for version-control.

Palm Beach County School District

West Palm Beach, FL

Student Intern

June - August 2015

- 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.

Technical Skills

Programming Languages

- C, C#, Java
- JavaScript, TypeScript
- HTML, CSS, PHP, SQL

Libraries/Frameworks

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

Cloud Technology

- AWS EC2 and S3

IDEs

- Eclipse, Visual Studio, Studio 5000

Authentication

- JSON Web Token, OAuth2

Database Systems

- SQL, MySQL, MongoDB

Web Servers

- Apache, Nginx

Continuous Integration

- GitHub Workflow

Version Control

- Git, GitLab, GitHub

Unit Testing

- Jest, Mocha

Project Management

- Jira, Agile, Waterfall

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Academic Projects

- **Nashville Insider Web App – Senior Design Project** *Project Manager*
Video on demand streaming platform for Nashville Insider's news series.
Technologies Used: JavaScript, Node, React, React Native, Express.js, MySQL, Git, Jest.
- **Digital Bookstore – COP 4710** *Project Manager*
Online bookstore ordering system.
Technologies Used: HTML, CSS, JavaScript, PHP, composer, Apache, MySQL.
- **Jumble – COP 4331** *Backend Developer*
Spotify music recommender with like and dislike abilities.
Technologies Used: HTML, CSS, JavaScript, Express.js, MongoDB, Nginx.
- **Rolodex – COP 4331** *Database Developer*
Digital contact manager created with a LAMP stack.
Technologies Used: HTML, CSS, JavaScript, jQuery, PHP, MySQL, Apache.

Extracurriculars/Programs

Disney Aspire Program , Participant, Walt Disney World Resort	2019 — 2022
The Excel Program , Participant, University of Central Florida	2018 — 2022

Honors

- Bright Futures Florida Academic Scholars.
- Temple Beth Torah Brotherhood Scholarship.
- Andrea B. Peppers School Administrators' Association Scholarship.
- The University of Central Florida Pegasus Gold Scholarship.
- College of Engineering & Computer Science Dean's List:
 - o Fall 2018, Spring 2020, Fall 2020, Spring 2022, Fall 2022.

Certifications

- American Red Cross Adult First Aid, CPR, and AED certified.