

EDUCATION:

Wilmington University, *Online Degree – Disney Aspire Program*
Bachelor of Science in Computer Science
GPA: 3.86 - Junior

October 2018 – Present

EXPERIENCE:

Test and Adjust Cast Member – Star Wars Galaxy's Edge / Star Wars: Rise of the Resistance

July 2018 – Present

Walt Disney World® Resort - Lake Buena Vista, FL

- Foster relationships with Mechanical Engineers and Software Engineers to execute ride testing
- Display critical-thinking skills and problem-solving techniques during testing phases to aid Engineers
- Adapt quickly to new procedures and surroundings daily
- Aid in training new Cast Members entering the site
- Reliable team player while on a 24-hour testing schedule

PROJECTS:

Amazon Alexa Enabled Coffee Pot

Micro controller-based coffee pot using C, Python, AWS, Lambda functions, and Amazon Alexa Console

- Initial micro controller program written in C
- Uses cloud technology to communicate with an array of technologies including NodeMCU ESP8266 board, Amazon Alexa Echo device, and an array of IoT sensors including proximity sensors and temperature sensors
- Lambda functions written in Python to initiate voice commands through Amazon Echo

Online Shopping Cart with MySQL Database

Full stack development of frontend and backend of a basic shopping cart for a prototype online store

- HTML/CSS skills demonstrated in the frontend web application
- Local server stores PHP commanded databases for users to input their buyer information
- PHP validation occurs upon checking out

TECHNICAL:

- Expert Certified in Microsoft Excel
- Certified PC Pro demonstrating skills in:
 - Computer Operating Systems
 - PC Hardware
 - PC Software
 - Mobile Devices

LANGUAGES:

- Python, C, C++, JavaScript, PHP, SQL, HTML5, CSS3