

# Alexander Ruiztagle

SOFTWARE ENGINEER · BI ANALYST

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## Education

### University of Central Florida

Orlando, Florida

B.S. IN COMPUTER SCIENCE AND COMPUTATIONAL MATHEMATICS

3.7 GPA

- Earned Deans List for 3 semesters as well as President's List.
- Received Plymouth Harbour Scholarship offered to students of excellent academics and leadership.
- Received Presidential Scholar award offered to students who maintain excellent academics at UCF.

## Work Experience

### Feld Entertainment

Kissimmee, Florida

LIGHTING TECHNICIAN AND PROGRAMMER

August 2017 - June 2019

- In charge of programming several key sections of award winning shows that went on to tour the country.
- Helped design and implement focus book standards that would speed up show setup and lighting assessments.
- Automated the creation of focus sheets using Python to parse XML data and then automatically create files with the necessary information.

### Vue Solutions

Kissimmee, Florida

BI ANALYST

June 2019 - PRESENT

- Implemented data miner to scrape web for reviews for small companies.
- Built a sentiment analysis model using BeautifulSoup and Tableau to analyze reviews processed by the web scraper.
- Automated the creation of elegant document reports built from the sentiment analysis models in Tableau.

## Honors & Awards

### EDUCATIONAL

- |      |   |                   |
|------|---|-------------------|
| 2018 | <b>Recipient</b> , Plymouth Harbor Founders Scholarship     | Sarasota, Florida |
| 2019 | <b>Recipient</b> , Presidential Scholar Award               | Sarasota, Florida |
| 2020 | <b>Recipient</b> , Presidential Scholar & Dean's List Award | Orlando, Florida  |

### COMPETITIVE

- |      |  |                   |
|------|--|-------------------|
| 2017 | <b>1st Place</b> , PolyTech Game Jam                   | Lakeland, Florida |
| 2020 | <b>1st Place</b> , Calculus Bee                        | Orlando, Florida  |
| 2019 | <b>Bronze Medal</b> , Kaggle RStudios Data Competition | Online            |

## Extracurricular Activity

### Celebration Coding Boot Camp

Celebration, Florida

FOUNDER

June 2018 - PRESENT

- Spearheaded a free education initiative aimed at kids interested in STEM.
- Coordinated the online and in-person facilitation of weekly lessons for 30 kids ages 10-16.
- Created lesson plans ranging from basic data structures all the way to web based game development.

### KnightHacks

Orlando, Florida

MEMBER

June 2017- PRESENT

- Partook in several seminars and learned about a large range of topics from security to new industry technologies
- Participated in hacking competitions along several other students and learned how to work as a team to build software.
- Gained experience in several industry related technologies such as React and Docker.

### Kaggle

Online

MEMBER

June 2017- PRESENT

- Constantly engaging in educational competitions to further my understanding of competitive programming.
- Reached Expert ranking as of September of 2020.
- Received 2 bronze medals in data science competitions.
- Collaborated with engineers across the world to develop solutions that would rank on competitive leaderboards.