

Rachel Dauns

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Orlando Area, FL

Education

University of Central Florida - *Bachelors of Computer Science* - Aug 2020 - May 2024

- Scholar of Burnett Honors College and EXCEL Math program
- Member of Hack@UCF club
- Liturgy Chair for Catholic Campus Ministry and Outreach Board 2021-2022
 - Coordinate 5 Mass events per week and maintain supplies
 - Manage all serving with Liturgy and create a monthly schedule

Experiences

Electronic Arts Orlando, FL - *"Get in the Game" Participant* - Jul 2019

- Implemented and debugged a small game in Java with a team of 4 people, in a week-long program, that was showcased at an Electronic Arts studio event.

Orlando Science Center - *Catalyst Volunteer* - over 600 hours of service - 2017-2020

- Led makerspace activities including coding and 3-D print and design

Orlando Science Center - *Catalyst Intern* - Jun - July 2018

- Created proposal for an event with drafted grant, budgeting, and marketing materials.
- Presented the proposal for the STEM event to the board of directors

Projects

Research - Engineering Mini-Games - Present

- Currently helping a UCF engineering professor with his research making mini-games to teach students engineering problems in Unity

Personal Parrot - Knight Hacks Hackathon 2021 Project in Python - Won Best Hardware

- A project involving text to speech google API, facial recognition software, and an Arduino to recognize a face record their message spoken and display it on a screen.

Princess Power - *project in Java* 2019

- Mini game created in EA program that is played on a keyboard
- Integrating code and debugging an adventure game with multiple levels

Skills

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|----------------|---|---------------------|
| • Java, Python | • Eclipse IDE | • Visual Studio IDE |
| • C, C# | • Seal of Biliteracy
(English and Spanish) | • Unity |
| | | • HTML |

References available upon request