

Bernardin Dezius

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Skills

- Java
- C
- Microsoft Office
- Tech Support/IT
- Problem Solving
- Instructing/Communicating
- Linux Terminal(novice)
- Python(novice)
- HTML(novice)
- Android Studio(beginner)
- Virtual Basic(beginner)
- JSON(beginner)

Education

University of Central Florida

Bachelor of Science Computer Engineering

Orlando, FL
December 2019

Research/Professional Experience

Summer Undergraduate Research Fellowship

2018

- Performed undergraduate research into the application of computer clusters in Civil Engineering
- Presented results of this research at an undergraduate showcase

Undergraduate Research at UCF

2017- 2018

- 1) Performed undergraduate research under Dr. Jha
 - Examined the innovation and application of memristors
 - Simulated its use as a logic component and flash memory
- 2) Performed undergraduate research under Dr. Catbas
 - Established a MPI cluster for parallel processing large amounts of data
 - Created virtual machines on each node of cluster for dual application and versatility
 - Assisted in solving technical issues

L.E.A.R.N. (Undergraduate Research Apprenticeship)

2014-2015

- Performed undergraduate research in freshman year
- Analyzed and critiqued undergraduate research

Extracurricular Experience

Programming Team Practices

2018

- Participated in the same competitions as the world renowned team
- Prepped by a coach responsible for training team, and 2 team members

Latin Rhythm (Instructor)

2016- present

- Taught student the technique and art of salsa
- Instructed up to 30-35 students at a time
- Attended biweekly instructor meetings

Relevant Coursework

- Computer Science 1-2
- Electrical Networks
- Processes of Obj. Ori. Programming
- Digital Systems
- Introduction to Research I-II
- Problem Solving Techniques & Team Dynamics
- Writing for Technical Professionals

Projects

Front House

2018

- Developed a restaurant scheduling app
- Learned how to operate and develop in Android Studio
- Enabled app to be able to communicate and coordinate between mobile devices

IDEAS Project

2017

- Constructed a miniature model of the Eiffel Tower
- Worked on a team to create the laser-printed model
- Tested the max load of the structure

Java Asteroids

2016

- Created a working Asteroids game in Java