

# Muhammed Shelleh

<http://mushell.co/>

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## EDUCATION

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- **University of Central Florida** Orlando, FL  
*Master of Science in Data Analytics; GPA: 3.10* January 2020 - December 2021 (Expected)
- **University of Central Florida** Orlando, FL  
*Bachelor of Science in Interdisciplinary Studies, focus in Biosocial Sciences; GPA: 3.11* Jan. 2018 - July 2019

## PROGRAMMING SKILLS

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- **Languages:** C, Python, R, HTML, SQL (SQL Server), Java
- **Technologies:** AWS, Azure, Powershell, Linux, Git

## PROJECTS

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- **ML-Power:** A multilayer perceptron (artificial neural network/machine learning algorithm) implementation to measure the estimated position of a water plant's output. Implemented in Python.
- **Snake-C:** A recreation of the classic game Snake, done in a minimalistic C program. Implemented in C.
- **MIPS-Emulator:** Implementation of a MIPS processing pipeline and arithmetic calculations, along with visualization of processes. Implemented in C.

## RELEVANT COURSEWORK

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- **Graduate Courses:** : VR Engineering, Computational Genomics, Sequence Algorithms and Analysis
- **Undergraduate Courses:** : Computer Science I, Operating Systems, Theory of Computation, Computer Architecture, Object Oriented Programming

## EXPERIENCE

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- **Rayonier Advanced Materials** Jacksonville, FL  
*IT Applications Programming Analyst* July 2020 - Present
  - **Programming and Testing:** Coordinated revisions to software and set priorities for completion, tested changes to systems, and deployed application changes to production.
  - **SQL and Business Processes:** Maintained business and "process information systems" including configuration, code management, programming, scheduled jobs, SQL Web reports, test plans, documentation and assisted other IT personnel in support of technical issues.
- **AZZLY** Vero Beach, FL  
*Editor Intern* Sep 2018 - Aug 2019
  - **Development:** Developed end to end psychiatric EHR system components through JavaScript and HTML.
  - **Modification:** Dynamically responded to client amendment and modification requests, significantly impacting overall company ticket support backlog, and playing a big role in delivering the final product.
- **UCF Student Union** Orlando, FL  
*Guest Services Specialist* March 2018 - October 2018
  - **Troubleshooting:** Fulfilled student troubleshooting and set-up requests in a timely manner relating to printing and computers around the Student Union Building.
  - **Support:** Answered calls and assisted students with academic questions relating to Student Development and Enrollment Services.
- **Textbook Solutions** Orlando, FL  
*Data Management Team Lead* July 2017 - Dec 2017
  - **SQL Server:** Supported in the launching of a new database system using SQL code and created accompanying documentation to eliminate simple errors from the process, speeding up transactions by about 35%.

## LEADERSHIP EXPERIENCE

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- **UCF Faculty Senate, 2020 - 2021:** Graduate Representative for UCF Libraries
- **Muslim Student Association at UCF, 2020 - 2021:** Director of Religious Affairs