

# Muhammed Shelleh

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## EDUCATION

### UNIVERSITY OF CENTRAL FL MS IN DATA ANALYTICS

January 2020 - December 2021  
(Expected) | Graduate GPA: 3.88

### UNIVERSITY OF CENTRAL FL BS IN INTERDISCIPLINARY STUDIES: FOCUS IN NEUROSCIENCE MINOR IN HEALTH SCIENCES

July 2019 | GPA: 3.11

### VALENCIA COLLEGE

Grad. July 2018 | GPA: 3.38

## COURSEWORK

### GRADUATE

VR Engineering  
Computational Genomics  
Sequence Algorithms and Analysis

### UNDERGRADUATE

Computer Science I  
Operating Systems  
Theory of Computation  
Computer Architecture  
Object Oriented Programming

## SKILLS

### PROGRAMMING AND TECH

Used in Research:

C • LaserGene • R • Matlab •  $\text{\LaTeX}$

Used Professionally:

MySQL • JavaScript • Selenium • HTML

Familiar:

IBM Q-Exp. • Python • PHP • CSS

## SPOKEN LANGUAGES

### FLUENT

English • Arabic

### ELEMENTARY

French

## SPECIALTIES

### PROFESSIONAL

Troubleshooting • Client Support •  
Training • Management

### EDUCATIONAL

Research • Technical Writing • Teaching •  
Leadership Support

## EXPERIENCE

### Rayonier Advanced Materials | IT Applications Programming Analyst

July 2020 – Present | Orlando, FL

- Coordinated revisions to software and set priorities for completion, tested changes to systems, and deployed application changes to production.
- Maintained business and “process information systems” including configuration, code management, programming, scheduled jobs, SQL and Web reports, test plans, documentation and assist other IT personnel in support of technical issues.

### AZZLY | Psychiatric Programming + Template Editor Intern

Sep 2018 – Aug 2019 | Orlando, FL

- Developed end to end psychiatric EHR system components through JavaScript and HTML.
- Created fully functioning records and systems for maximum accessibility for clients, playing a big role in delivering the final product.
- Dynamically responded to client amendment and modification requests, significantly impacting overall company ticket support backlog.

### Textbook Solutions | Data Management Team Lead

July 2017 – Dec 2017 | Orlando, FL

- 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%.

## RESEARCH

### Health Management Informatics | Graduate Researcher

May 2020 – Present | Orlando, FL

Surveyed student populations in reference to COVID-19, and analyzed the data to provide a statistical measurement for the spread of the virus among the UCF student body, under the supervision of **Dr. Varadraj Gurupur**.

### Arboretum | Botanic Researcher

Jan 2019 – May 2019 | Orlando, FL

Led the development of herbal bio-control methods for pest control applications, under the supervision of **Prof. Jennifer Elliott**.

## LEADERSHIP EXPERIENCE

2021/2020	Graduate Representative	UCF Faculty Senate
2021/2020	Director of Religious Affairs	Muslim Student Association @ UCF
2018/2017	President	Valencia Math Club
2018/2017	President	Valencia Muslim Student Association
2018	Student Advisor	Seneff Honors College
2017	Chief of Staff	Student Government Association

## AWARDS

2019	top 6/60	UCF SURE Judges' Choice Research Project
2018	1 <sup>st</sup>	Service Learning Award for Teaching
2017	1 <sup>st</sup> /25	Valencia College Spirit Award