

# Vance Algeria

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## EXECUTIVE SUMMARY

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Computer Science student at the University of Central Florida working toward a Bachelor of Science in Computer Science. Passionate about technology and problem-solving, with hands-on experience in software development, data structures, and algorithm optimization. Proficient in multiple programming languages, including Java, C, and Python, and knowledgeable in Information Technology and Cybersecurity. Strong communicator with a collaborative mindset, excelling in teamwork, adaptability, and analytical thinking. Eager to apply technical skills in software development, IT, and Cybersecurity while continuously expanding expertise in the field.

## EDUCATION

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**University of Central Florida** - Orlando, FL

**May 2026**

Bachelor of Science in Computer Science.

Cumulative GPA: 3.6

## EXPERIENCE

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**Microtech IT Assistant**

**Dec 2016 – June 2022**

*Coral Glades High/Sawgrass Springs Middle School – Coral Springs, FL*

- Completed over 800 hours of recorded hands-on experience in Information Technology.
- Arranged telecom closets, image and hardware solution deployment, and system management.
- Introduced new IT professionals to school networking systems and device hardware.

## PROJECTS

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**University Personnel Management Program**

**Nov 2024**

- Wrote a program that takes information for three objects and stores the information to be later retrieved.
- Used abstract methods, arrays, and object-oriented programming to sort different professors, faculty, and students alongside IDs, GPAs, and credit hours.

**Grid Walking**

**Nov 2024**

- Developed an algorithm to solve several sub-problems including binomial coefficients, factorials, and combinations.
- Worked through factorial calculations for finding a proper route to a destination on a grid.
- Applied the Inclusion-exclusion principle used in Statistics to exclude and avoid certain points.

## LEADERSHIP & DEVELOPMENT

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**American Tkd Martial Arts** - Coral Springs, FL

**Jan 2010 – Feb 2020**

*Student and Instructor*

- Taught classes of children and adults, reviewing core forms.
- Learned skills such as diligence, integrity, courtesy, and perseverance.

## ADDITIONAL INFORMATION

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**Computer Certifications:** CompTIA A+ and Network+, TestOut CyberDefense Pro, AWS Academy Cloud Foundations and Security Foundations, Microsoft Windows Operating System Fundamentals, and Microsoft Office PowerPoint, Word, and Excel applications.