

# ROLANDO ALBERTO CACERES

## SOFTWARE ENGINEER

<https://github.com/Rolindets> | (954)394-3100 | [rolycaceres@gmail.com](mailto:rolycaceres@gmail.com) | [www.linkedin.com/in/rolando-caceres-tech](http://www.linkedin.com/in/rolando-caceres-tech)

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### SUMMARY

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Motivated and organized software engineering professional with a proactive approach. Eager to collaborate with a talented team in a dynamic environment that fosters productive discussions on best practices and supports career growth in software engineering. I am committed to continuous learning and staying updated with the latest industry trends to deliver innovative and efficient software solutions.

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### SKILLS

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- C++, Java, Python, PHP, HTML, CSS, JavaScript, SQL, Golang
- Database Design and Development, MySQL, MariaDB, OAuth, JSON
- OOP, MVC, Linux, WSL, Data Structures, Algorithms
- Git, GitHub, GitHub Actions, CI Pipeline, Laravel, JavaFX

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### WORK EXPERIENCE

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#### Professor's assistant/Coding instructor | Miami-Dade College

- Guided students in their coding projects.
- Provided one on one lessons for Git, GitHub, Java, OOP, and Logic based problems.

#### Team Lead at CDR Maguire

- Directed and coordinated activities of several Covid-19 testing locations.
- Prepared staff work schedules and assigned specific duties.
- Verified every team's phone and/or laptop was efficiently running and up to date.

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### PROJECTS

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#### Capstone Project: Cybel Engine

- Utilized Golang to develop an API (Cybel engine) that generates projected roadmaps for student semesters based on a curriculum model.
- Designed and implemented a college website utilizing MVC architecture, integrating the Cybel engine to streamline student data retrieval and generate personalized academic roadmaps based on majors and interests.
- Developed the website using the Laravel framework, employing PHP, JavaScript, HTML, and CSS for frontend and backend functionality.
- Implemented SQL database management for data storage(MariaDB).
- Implemented an OAuth server on Ubuntu to secure the Cybel engine API endpoints.

#### University Roster Desktop Application

- Utilized Object Oriented Programming fundamentals to design classes that initialize student and faculty data.
- Desktop application is used to manage departments, schedule courses, and select student majors.
- Data is fed through .xml files which are used to insert data in an SQL Database.
- Technology Stack: Java, SQL Database, NetBeans.

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### EDUCATION

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#### Bachelor of Computer Science, Software Developer

Miami-Dade College, Miami, FL

- GPA: 3.67 (Dean's List student)