

# Matthew Rizaldi

## Software Engineer

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### PROFESSIONAL PROFILE

Expected to **graduate in December 2023** with a **bachelor's in computer science** from Western Governors University. Proficient in MVC development. Passionate about embedded and AI development. I hold a **DOD Secret Clearance**.

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### SKILLS

**Languages:** Python, JavaScript, Java, SQL (PostgreSQL, AzureSQL, MySQL), C, C++

**Frameworks / Libraries:** ReactJS, NodeJS, Django, MongoDB, JavaFX, OOP, Linux

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### PROFESSIONAL EXPERIENCE

#### Software Engineer

January 2023 — June 2023

L3Harris

Camden, NJ

- Created an application that converts existing spreadsheets tracking classified to a CRUD application using JavaFX as the UI and MySQL as the database.
- Redesigned documentation website with ReactJS and a modern component library.
- Debugged an existing dashboard front-end built with ReactJS.
- Trained on C++ testing and debugging emphasizing embedded object-oriented code.
- SDLC training, UML Modeling training, cryptography training, key management training

#### Software Engineer

May 2021 — December 2021

Quantum Strategies

Glen Mills, PA

- Created a backend for a ticketing dashboard system using NodeJS with full authentication, authorization, email recovery, and third party sign in / sign up, connected to AzureSQL for the database.
- Created front-end using ReactJS for sign-in, sign-up, and recovery.
- Part of agile development process with Git.
- Contributed to a product that replaced a costly SAAS solution, saving on per-user charges for thousands of users.

#### Software Engineer

May 2019 — August 2019

United International Technologists

Tokyo, Japan

- Tested performance of various database systems (SQL, NoSQL) and back-ends (Django, NodeJS).
- Used summary statistics to write a technical document on findings.
- Used a Linux environment and Docker to automate tests, builds and reports.
- Results impacted the choice of tech stack for a project in another team.

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### EDUCATION

- **Bachelor of Science in Computer Science**, Western Governors University

March 2022 – December 2023

- Completed coursework towards a

Bachelor of Science in Finance, Mathematics and Computer Science, Temple University

Aug. 2018 – Dec. 2021

Awarded Temple University Merit Scholarship

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### RELEVANT COURSEWORK

Data Structures and Algorithms, Data Management (PostgreSQL), Discrete Mathematics, Computer Architecture, Ethics in Technology, Operating Systems, Machine Learning, JavaFX (Java frontend development), Introduction to Artificial Intelligence