

# MOHAMMAD ZAIDI

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## □ Professional Experience

### Department of Defense (United States Air Force – Blue Sky)

Software Engineer ▪ Macon, GA

Nov 2021 – Current ▪ 40 hours per week

- Refactored legacy codebase front end and back end from WinForms to modern Model-View-ViewModel (MVVM) WPF framework for better maintainability and future development.
- Developed new plug-ins and software features based on user stories and customer requests to be fielded and used in large scale Air Force aircraft mission planning.
- Evaluated quality of code produced by other engineers pull requests and effectively communicated bugs and possible solutions outlined by our coding standards.
- Mentored new engineers on the team on proper codebase maintenance and common software engineering practices.

### Department of Defense (United States Air Force – Robins AFB)

Electronics Engineer ▪ Warner Robins, GA

Mar 2016 – Nov 2021 ▪ 40 hours per week

- Analyzed specification requirements to develop appropriate tests and simulations for multiple military GPS receivers
- Created and peer-reviewed testing documentation for new military hardware/software revisions
- Salvaged critical simulation hardware from fatal boot errors, conserving funds for replacement
- Maintained database records of DoD customers and military hardware that was programmed
- Developed and debugged upgrades to laboratory software in C# adding new capabilities
- Created AutoCAD drawings of military spec laboratory equipment and room layouts
- Maintained group library of test data, documents, and hardware as Configuration Manager
- Mentored new technician to take over nearly separate lab operations to free time for our engineers
- Obtained CompTIA Security+ and CSSLP certification to ensure our group can maintain cybersecurity standards and protect vulnerable systems against emerging threats

### Brown and Brown Electric Inc.

Project Engineer ▪ Fort Lauderdale, FL

Jan 2015 – Dec 2015 ▪ 40 hours per week

- Designed and analyzed up to 15 electrical AutoCAD schematics every week under strict deadlines
- Created 2D and 3D CAD models of electrical components, rooms, and wiring layouts
- Collaborated with clients and engineers on design revisions, documentation, and contracts

## □ Education

**Bachelor of Science in Electrical Engineering ▪ 2015 ▪ MAJOR GPA: 3.30/4.00**

FLORIDA ATLANTIC UNIVERSITY ▪ BOCA RATON, FL

*Bright Futures Scholarship | Dean's List (2013) | IEEE | Tau Beta Pi*

**Masters of Science in Software Engineering ▪ 2023 ▪ GPA: 3.80/4.00**

MERCER UNIVERSITY ▪ MACON, GA

## □ Relevant Skills and Software Languages

- |              |             |                             |
|--------------|-------------|-----------------------------|
| ▪ C#         | ▪ CSS       | ▪ Azure DevOps              |
| ▪ C++        | ▪ Bootstrap | ▪ WPF/XAML                  |
| ▪ Python     | ▪ React     | ▪ MVVM                      |
| ▪ HTML       | ▪ Git       | ▪ Test Development          |
| ▪ JavaScript | ▪ CI/CD     | ▪ IT Network Administration |