

# Matthew Weinert

## COMPUTER & SOFTWARE ENGINEER

WWW.MATTWEINERT.COM

### Personal Bio

I am a very optimistic, highly independent and self-motivated and have a strong passion for software development. As a lifelong learner, I enjoy learning new things and taking on new hobbies in my free time. My philosophy in life is that everything happens for a reason which makes me an easy going personality. I am always looking forward for new challenges and am excited for the future.

### Work Summary

#### Senior Full-Stack Engineer      Software Engineer

##### Bank of New York Mellon

February 2023 - Current

- Recreated an entire trading platform in a monolithic architecture responsible for processing \$18 trillion (USD) in securities daily
- Lead a group of interns on individual development projects in a daily SCRUM workflow
- Language(s): TypeScript & Java, Spring Boot
- Other: Gitlab, Git, Jira, Confluence

##### 4c Strategies

May 2022 - February 2023

- Developed software in an agile environment as a full-stack engineer on a small team
- Delivered software at the end of bi-weekly sprints along peer reviewing and unit testing
- Language(s): TypeScript & Java
- Other: Gitlab, Git, MySQL, Kafka, Protobuf

#### Jr. Software Engineer

##### Phoenix Defense

May 2021 - August 2021,  
February 2022 - May 2022

- Lead engineer for an IOT project, creating Land Navigation software through ATAK. Language(s): Kotlin
- Created a database web application for storing big data in an agile workflow. Language(s): TypeScript & Java, Spring Boot
- Other: BitBucket, Git, Jira, Spring Boot, MySQL

#### Software Engineer Intern

##### Dignitas Technologies

July 2019 - April 2020

- Created a web application that was capable of injecting data from multiple sources and stringing them together for military training simulations
- Developed and tested software using an Agile workflow
- Language(s): Java
- Other: TortoiseSVN, Jira, Confluence, MySQL

### Technical Experiences

- Version controls: Git Bash, Github, GIT, TortoiseSVN, BitBucket
- Editors: Eclipse, IntelliJ, Webstorm, Visual Studio, VS Code, NetBeans
- Operating Systems: Windows, Linux, Unix
- Servers: Apache Tomcat, SpringBoot, .NET, Node, Express
- Databases: SQL, SQLite, MongoDB
- Frontend: ReactJS, Angular, Materials, Bootstrap, RXJS
- A.I. tools & related libraries: OpenCV, Numpy, Pandas
- Workflows: Jira, Confluence, Gitlab

### Education

#### University of Central Florida (UCF)

##### Computer Engineering

- Area of focus: Computer Engineering with a special interest in Software development and Computer Sciences

### Assets

- Active Security Clearance
- Bachelors in Computer Engineering (2022)
- Associates Degree

### Program Languages

C, C#, Java, TypeScript, JavaScript, Kotlin, Python, PHP, CSS, HTML

### Personal Portfolio

#### A.I. "Smart-Hub" Security System

##### Smart-Hub

- Design project that consisted of hardware development and software development.
- Created features a Smart-Hub with a Raspberry Pi to detect humans and alert its users on using a CAD we designed.
- Software & Languages: Python, PyQt5, OpenCV, MicroPython

#### PageShop

##### SaaS Website

- Currently developing a website that connects people that offer local services
- Authentication with JWTs and Axios to handle the messaging protocol
- Styled with materials and bootstrap libraries
- Software & Languages: ReactJS, .NET, HTML/CSS, SQL

*more projects found on my website*

### References

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4c Strategies  
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### Contact Me

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