# Jacob Rogers

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## SKILLS

| | |
|---|---|
| Languages: | C#, JavaScript, TypeScript, HTML, CSS, JSON, Python |
| IDEs & Dev Tools: | Visual Studio, VS Code, Unity, Git, Docker, TFVC |
| Project Management: | Agile, Azure DevOps, Jira |
| Frameworks & Libraries: | React, Next.js, Next Auth, ECS |
| Database: | MongoDB, SQL |

## EXPERIENCE

*SOFTWARE ENGINEER / WEB DEVELOPER*

Edaptive Computing Inc.                                                    *July 2024-*

- **Automate 2.0 Web App Development:** Worked on developing the Automate app that is used by thousands of military and government employees.
- **C# Backend Development**: Designed and tweaked numerous classes and systems in the backend of the app.
- **React TypeScript Development:** Worked with React using TypeScript to act as the frontend of our app and connect to the backend with DTOs.
- **SQL Database:** Integrated all systems to work with the SQL database that the app was using.
- **Docker Containers:** Used Docker Desktop containers and images to run the app with PowerShell Scripts.

*SOFTWARE ENGINEER / SUB-LEAD*

Proactive Technologies Inc.                                              *August 2022-Feburary 2024*

- **Unity & C# Development**: Played an integral role in the development of military training simulations using Unity and C# on the Electronic Technician Radar Trainer and Advanced Arresting Gear Trainer.
- **Customer Interactions:** Led in-person demonstrations, garnering positive feedback, and fostering a strong relationship with a principal client, the US Navy.
- **ECS Pattern and Tool Expertise:** Employed the Entity Component System (ECS) pattern during development. Utilized tools like Visual Studio and Team Foundation Version Control (TFVC).
- **Systems Engineering:** Stepped into the role of a systems engineer when needed for faster progress.
  - Refined system requirements to ensure realism and accuracy.
  - Translated these requirements into functional components in the simulation in config files.

## EDUCATION

*B.S. IN COMPUTER SCIENCE*

University of Central Florida                                            *Graduated December 2021*

- Accumulated GPA:  3.5

## WEB DEVELOPMENT PORTFOLIO

A portfolio of various web development projects I have made, linked at the top of the page and here.

- **Mark My Words:** A full stack web app I built that provides an online profile for storing and sharing markdown notes; complete with features such as image support, collaboration, downloading and uploading, and more. For more information and a live demo see my portfolio.
- **Other Projects:** Full stack Netflix clone, frontEndMentor.io challenges, custom build portfolio website

**REFERENCES:** *Available upon request.*