

# Ethan Caplea

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*Professional software developer seeking an opportunity to use my skills and experience to create visually and functionally excellent projects while continuing to learn more and hone my talent.*

## PROFESSIONAL EXPERIENCE

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### ENTEMOPHOBIA

*October 2019–November 2019*

Game Programmer

- Primary responsibilities were to design and implement front end user interfaces and back end AI algorithms
- Published a finished product following the fast-paced SCRUM development cycle
- Worked in Visual Studio and Unity game engine using C#

### FUTURE GADGET LABORATORY

*February 2022 - May 2022*

Lead Developer

- Implemented save/load database structure
- Incorporated art and audio production into the project's API
- Designed algorithms for optimized gameplay functionality - collision, A\*
- Developed and published a finished product utilizing Agile methodologies

### PROCESS AND DATA AUTOMATION

*March 2023 – Present*

Solutions Specialist

- Analyzing user needs and assisting project managers in custom program development
- Collaborating as a member of cross-functional teams
- Independently executing tasks on projects, including system architecture, configuration, programming, design, development, testing, deployment, and maintenance
- Designing, integrating, programming, and troubleshooting SCADA systems, industrial and MES networks, and custom software-based automation applications
- Supporting productivity and quality improvements for clients through automation solutions

## EDUCATION

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### Full Sail University

Game Development - Bachelor of Science

**Winter Park, FL**

*August 2018-June 2022*

## ADDITIONAL SKILLS

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- C#, C++, SQL, Python, CSHTML, VS, MES, version control software, agile development, game engines, 3D math, Cisco Networking fundamentals, ASP.NET development and maintenance; strong communication, adaptable, detailed documentation, time-management, growth mindset, problem-solving, open-minded, efficient, reliable