

## EDUCATION

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### Coastal Carolina University (CCU)

- Bachelor of Science degree in Computer Science
- Graduated with Honors as Summa Cum Laude and “Outstanding Student” for top-of class academic performance
- 7 out of 8 semesters placed on Presidents List for completing semesters with a 4.0/4.0 GPA
- Relevant Coursework: Software Engineering Principles I & II, Algorithm Design and Analysis I & II, Java/C#/C/PHP/HTML/JS projects, Discrete Math, Probability and Statistics, Calculus I & II, Physics I & II

**Conway, SC**  
Aug. 2019 – May 2023  
GPA: 3.99/4.0

### Microsoft Software and Systems Academy (MSSA)

- Cloud Application Development Bootcamp through Embry-Riddle Aeronautical University and Microsoft
- Relevant Skills Developed: ASP.NET, C#, SQL, Web Development (HTML/JS, etc), REST, Test Driven Development, Agile and KanBan Methodologies, Azure Development

**Conway, SC**  
Aug. 2018 – Dec. 2018  
GPA: 4.0/4.0

## EXPERIENCE

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### Los Alamos National Laboratory (LANL)

*Python Developer and Large Language Model Research Intern*

- Extensive use of Python, Lua, and Make. Created scripts to visualize and manipulate diverse research data
- Major Project: Developed prototype VSCode extension “CoPilot” clone using TypeScript, LLM API, Python
- Skills Developed: Python, TypeScript, Lua, MakeFile, Make, Large Language Model API

**Los Alamos, NM**  
Feb. 2022 – May 2023

### Coastal Carolina University (CCU)

*Computer Science Department Tutor*

- Assisted students with understanding technologies, concepts, and methodologies relating to Computer Science
- Technologies: HTML/CSS/JavaScript, PHP, C#, Python, Java, SQL, MongoDB
- Concepts and methods: Software Engineering principles, Algorithms, Computer Ethics, Mathematics, etc
- Skills Developed: Interpersonal skills, coaching fellow students, tutoring peers, distilling complex ideas

**Conway, SC**  
Jan. 2021 – May 2023

### United States Army

*Fire Support Specialist (13F)*

- Venerable active duty enlisted service member with proven abilities leading teams, accomplishing missions, and facilitating success both on the battlefield and in garrison
- Recipient of Army Commendation Medal (ARCOM) for extraordinary performance as a Fire Support Specialist
- 5x Army Achievement Medals (AAM) awarded over the course of more than 4 years of service
- Awarded Distinguished Honor Graduate in both basic training and advanced individual training for performing at the highest level possible during each 10 week training period

**Fort Bragg, NC**  
**Vicenza, Italy**  
Aug. 2014 – Mar. 2019

## PROJECTS

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### Content Management System Final Project

- Relevant Skills: PHP, PHPStorm, SQL, HTML/CSS, CMS Concepts, Security, Admin vs User Concepts
- Final Project for CCU’s CSCI 303 Course – Server Side Web Application Development
- Completion of an individual project involving a Book Review CMS with user interaction, security, encryption, etc

**Conway, SC**  
Jan. 2023 – May 2023

### Visual Studio Code “CoPilot” Extension Clone

- Relevant Skills: Extension Creation, TypeScript, Large Language Model API, Client/Server Concepts
- Developed a working prototype of a code completion extension for LANL which operates similar to GitHubs “CoPilot,” giving code completion suggestions to a user based on current context of a Python script in VSCode

**Los Alamos, NM**  
Mar. 2023 – May 2023

### “SpaceGame” Command Line Game

- Relevant Skills: C#, Object Oriented Programming, Git, Agile, KanBan, Documentation, Public Presentation
- Project that started as a Microsoft Software and Systems Academy assignment, but became a fun personal project
- Developed a completed video game which runs in the Command Line, taking users to other planets, trading resources, and telling a complex story based on concepts inspired by Rick and Morty

**Fort Bragg, NC**  
Sept. 2018 – Jan. 2019

### MVC Cloud Application Website

- Relevant Skills: .NET, MVC, C#, Git, REST, HTML/CSS/JavaScript, Azure, Agile, KanBan, TDD, Documentation
- Final Project for Microsoft Software and Systems Academy Cloud Application Development Course
- Developed an Azure hosted “Exercise Assistance” website which helps users determine proper weights for various workout types based on user input, using modern Microsoft methodologies and concepts

**Fort Bragg, NC**  
Aug. 2018 – Dec. 2018

## SKILLS AND AWARDS

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**Technologies:** Java, Python, C#, C, C++, HTML/CSS, JavaScript, ReactJS, TypeScript, PHP, SQL, MongoDB, MS Office, Azure, Lua, Make

**Soft Skills:** Agile, KanBan, OOP, MVC, Git, Test Driven Development, Research, Leadership, Public Presentation, Work Documentation

**Awards:** CCU Outstanding Student, 7x Presidents List, Dean's List, 5x AAM, ARCOM, Distinguished Honor Graduate BCT & AIT