Auston Hefling

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EDUCATION

Coastal Carolina University (CCU) — **Conway, SC** — Aug. 2019 – May 2023 — GPA: 3.99/4.0
- 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, MVC & ASP.NET, Java/C#/C/PHP/HTML/JS projects, Discrete Math, Probability and Statistics, Calculus I & II, Physics I & II

Microsoft Software and Systems Academy (MSSA) — **Conway, SC** — Aug. 2018 – Dec. 2018 — GPA: 4.0/4.0
- 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

EXPERIENCE

Los Alamos National Laboratory (LANL) — **Los Alamos, NM** — Feb. 2022 – May 2023
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

Coastal Carolina University (CCU) — **Conway, SC** — Jan. 2021 – May 2023
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, MVC & ASP.NET
- Concepts and methods: Software Engineering principles, Algorithms, Computer Ethics, Mathematics, etc
- Skills Developed: Interpersonal skills, coaching fellow students, tutoring peers, distilling complex ideas

United States Army — **Fort Bragg, NC / Vicenza, Italy** — Aug. 2014 – Mar. 2019
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

PROJECTS

Content Management System Final Project — **Conway, SC** — Jan. 2023 – May 2023
- 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

Visual Studio Code "CoPilot" Extension Clone — **Los Alamos, NM** — Mar. 2023 – May 2023
- 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

"SpaceGame" Command Line Game — **Fort Bragg, NC** — Sept. 2018 – Jan. 2019
- 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

MVC Cloud Application Website — **Fort Bragg, NC** — Aug. 2018 – Dec. 2018
- 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

SKILLS AND AWARDS

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