

Camm Puter

camm.puter@gmail.com | 123-456-7890 | <https://linktr.ee/cammputer>

EDUCATION

Appalachian State University, Boone, NC

Bachelor of Science in Computer Science

Minor: Computer Information Systems

Cumulative GPA 3.55/4.0

Anticipated Graduation May 2024

Dean's List 2022, 2023

Chancellor's List 2021

Study Abroad

June 2023 - August 2023

Oriel College, Oxford University, Oxfordshire, United Kingdom

- Enhanced my academic path at Oriel College, Oxford University, through an intensive AI course that deepened my grasp of its complexities and expanded my practical skillset for modern technological applications.

EDUCATIONAL EXPERIENCE

- Experienced in both **R Studio** and **SAS** from a statistical analysis course where I evaluated extensive datasheets and summarized information for graphical and statistical analysis and learned how to implement these skills within a profession
- Completed multiple courses in **database development**, where I gained experience coding **SQL** through numerous platforms, **including Microsoft Access**
- Developed my programming skills using **Python** in a programming solutions course where I designed and implemented an application to read data from a complex web page and sorted the data into a formatted **Excel** spreadsheet
- Highly experienced coding in **Java** during foundational computer science courses studying the fundamental basics of object-oriented programming, and learning how to design simple programs in **Assembly Language**
- Gained experience in web development from a single-page applications course where I coded in **JavaScript, TypeScript, and CSS** to develop complex websites
- Highly knowledgeable of **MacOS, Linux, and Windows** operating systems

PROJECTS

Soft Gel Pills

- Collaboratively engineered a Java-based Point of Sale (POS) system for a pharmacy within a multidisciplinary team of six computer science students, employing advanced methodologies including Pair Programming and SCRUM framework.
- Leveraged version control tools like GitHub to streamline seamless collaboration and project planning, enhancing code quality and team efficiency.
- Devised and executed comprehensive test suites tailored to validate code integrity, while efficiently managing iterative development through task segmentation in agile sprints, with rotational role assignments to optimize skill utilization and project progress.

Y86 Processor Emulation

- Developed a Y86 Processor emulator in C, enabling accurate simulation of its instruction set and architecture.
- Implemented a functional pipeline to replicate the processor's fetch-decode-execute stages, enhancing understanding of low-level hardware operations.
- Validated the emulator's accuracy through comprehensive testing, contributing to a deeper grasp of computer organization and architecture principles.

WORK EXPERIENCE

The Boone Tech Company | Boone, NC

August 2023-Present

Software Developer

- Developed and maintained key features of a web application using technologies such as JavaScript, React.js, and Node.js, resulting in improved user experience and a 20% increase in user engagement.
- Collaborated with cross-functional teams to identify and troubleshoot software bugs, reducing error rates by 15% and enhancing the overall reliability of the product.
- Actively participated in weekly code reviews and attended workshops to enhance skills in areas such as test-driven development (TDD), resulting in a 10% increase in code quality and project efficiency.

EXTRACURRICULAR ORGANIZATIONS

Association of Information Technology Professionals (AITP)

2021-Present

Associate

- Takes part in several local community service and fundraising activities and facilitates presentations from CIS and CS-related businesses from all over the state
- Attended the annual Consumer Electronics Show in Las Vegas, NV where I heard from experienced professionals within the field of software development, machine learning and artificial intelligence.