https://tiptoncj.github.io/

Education

Appalachian State University

August 2021 - Dec 2025

- Bachelor's in Computer Science
- Minor in Statistics
- GPA: 3.21 0
- Notable classes: Programming Languages, Computer Systems, AI, Data Visualization, Databases, Data Structures, Software Engineering, Machine learning

Certifications, Skills, and Programming Experience

- Certifications
 - o Data Science Dec. 2025, Appalachian State
 - Python & data July 2025, Global Career Accelerator
 - Al Professional Skills July 2025, Global Career Accelerator
 - Querying Data July 2025, Global Career Accelerator
 - Intercultural Skills July 2025, Global Career Accelerator
- Skills
 - Problem Solving Defining/ Analyzing problems, Creativity, Sharing Solutions, Determination 0
 - Team Oriented Leadership, Unification, Collaboration, Adaptability, Compassion
 - Communication Written, Oral, Presentational, Interpersonal, Comprehension, Attentiveness
 - Office and Google Suites Excel/Sheets, Word/Docs, Powerpoint/Slides, PDF, etc.
- **Programming**
 - Code Languages Python, C/C++, Java, HTML, JS, CSS, XML, PHP
 - Big Data Management Tableau, Tableau Prep, SQL, Looker, D3, R

Experience

• Internship: Website design/implementation, Atlantic Tube and Fitting

May 2024 - Aug 2024

- Experienced the process of designing a website for a specific purpose.
- Worked closely with local businesses and 3rd-party developers.
- Automated data uploading process using Python.
- Led design of website landing page to communicate business services.
- Collaborated on structure design to promote efficient search and navigation of the site.
- Communicated with others inside and outside of my team to efficiently complete tasks.
- Project: Pixel art beat-the-clock style computer game

Jan 2024 - May 2024

- Created a game with other students for a class project to simulate a work environment.
- Used Git platform to manage branches and keep code up-to-date for all team members.
- Primarily used Java to implement game objectives, physics, and a countdown clock.
- Used team-oriented strategies like pair programming and code reviews.
- Extra-Curricular: President of App State Jiu Jitsu Club

Aug 2023 - Dec 2025

- One of the largest student-led sports organizations at the University.
- Manage and run multiple weekly meetings for 35+ paid club members.
- Oversee University requirements, expenses, special events, recruitment, and more.
- Worked closely with local businesses to rent mat space, host fundraisers, design and sell merch.
- Collaborated with other NC universities to organize competitive tournaments with over 100 student competitors every semester.