Spencer Presley

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Objective

Computer science student with strong foundations in object-oriented programming seeking a Jr. Software Development Engineer position at Amazon. Experienced in Java, Python, and C++, with a passion for solving complex technical challenges and collaborating with experienced engineers.

Education

Salisbury University — Salisbury, MD
B.S. Computer Science, Minor in Mathematics — *Aug. 2021 – May 2025*

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems
- GPA: 3.8/4.0

Technical Skills

Languages: Java, Python, C++, TypeScript, Go
Tools & Skills: Git, Docker, AWS, Linux, Object-Oriented Design, RESTful APIs, Agile
Libraries: Java Swing, pandas, NumPy, LangChain

Experience

Software Development Intern — May 2024 – August 2024
Horn Point Laboratory — *Cambridge, MD*

- Designed scalable microservices using object-oriented Python for concurrent request handling
- Built and deployed RESTful APIs using FastAPI on AWS EC2 with 90% test coverage
- Collaborated with senior developers in Agile environment, participating in daily standups

Research Developer — June 2024 – September 2024
Salisbury University — *Salisbury, MD*

- Led development of machine learning models using object-oriented Python and testing frameworks
- Collaborated with cross-functional teams to optimize performance and implement new features
- Mentored junior team members in software development best practices and Git version control

Projects

TermBook | *Java, TypeScript, Go* — January 2024 – Present

- Built cross-platform terminal app using Java OOP principles and robust error handling
- Implemented RESTful APIs following SOLID principles and led team of 4 to hackathon victory

Research Data Pipeline | *Python, Docker, AWS* — September 2023 – Present

- Architected scalable data pipeline using object-oriented Python and Docker
- Designed modular components with 85% test coverage and automated deployment