Jackson Alvarez

>Junior Software Engineer

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Statement

I am a dedicated software developer with three years of industry experience and a lifelong passion for programming. Recently, I have developed a interest in project management and am eager to leverage my technical expertise to drive impactful projects.

Professional Experience

March 2023 – Present | Systems Research
Appalachian State University, Boone, NC
> Developed and provisioned campus client systems to ensure seamless IT operations.
> Automated and maintained enterprise applications deployed across multiple device collections, improving efficiency and reliability.
> Designed and implemented reporting applications for SCCM, Azure AD, and AD users and groups, streamlining data analysis and reporting processes.

May 2022 – August 2022 | Comp Sci Intern
Hypemill.digital, Cornelius, NC
> Created a product information system for a Fortune 500 kitchen hardware supplier.
> Maintained client data and onboarded new clients regularly.
> Created and implemented tools to have ticketing information from Trello moved into ClickUp.

Skills

> Languages: Python, Java, C/++/#, JavaScript, React, MongoDB/Atlas, R, Haskell.
> Dedicated and driven by team success.
> Proven track record of successfully managing projects.

Education

2021-2025 – B.Sc. Computer Science
Appalachian State University, Boone, NC

Projects

>2D Drawing Engine(Haskell)
  ◦ Developed a functional graphics engine to explore declarative rendering and recursion.
>Web Portfolio
  ◦ Built a personal website to showcase projects and practice modern web development.
>y86-64 simulator and compiler.
  ◦ Implemented a low-level simulator and compiler to understand assembly and CPU architecture.