

Philip Leake

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Education

Virginia Commonwealth University, Richmond, VA Expected Graduation: May 2025
Bachelor of Science in Computer Science with a concentration in Software Development
GPA: 3.663, *Dean's List*

Relevant Coursework

Software as a Service, Advanced Algorithms, Operating Systems, Object Oriented Programming, Data Structures, Discrete Structures, Linear Algebra, Differential Equations, Programming Languages

Languages: Java, C, PHP, Python, HTML, CSS, Rust

Skills: Laravel, Bootstrap, Flask, Linux, Microsoft Office, Leadership, Problem Solving, Listening

Relative Experience

ByteJam, Richmond, VA May-Aug 2024
Web Development Intern

- Automated data entry in a web app using PHP, reducing manual workload and increasing efficiency.
 - Developed a web app plugin for project management allowing easier tracking of tasks during site development.
 - Performed software testing, identifying and reporting bugs, which resulted in improved tool efficiency.
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Academic Projects

Emotion Recognition in Developer Meetings Using Advanced AI Senior Capstone

- Using Python, AI techniques, and LLMs to accurately identify and interpret emotional states.
- Approaching the latest advancements in emotion recognition to provide insights into the emotional dynamics of team interactions, to enhance productivity, collaboration, and overall mental health in the software development industry.

Morse Code, Data Structures, VCU, Richmond, VA April 2023

- Created a Morse code translator in Java using a binary search tree with four traversal algorithms to enhance search performance.

Simple Unix Shell, Computer Systems, VCU, Richmond, VA Nov 2023

- Used C to create a shell that takes in simple functions and included builtin functions such as help, cd, pid, ppid, and exit.

Personal Projects

TCM Movie Database and Monthly Airings Application May 2024

- Used WAMP stack and Laravel framework to create a central movie database that contains all movies shown on TCM and their ratings.
- Added a secondary database that holds movies that are showing in the current month and includes the corresponding airing times so I know when I can see movies I want to watch.