Brandon Pyle

Software Developer

Talented React, Angular, and C++ developer eager to work with and collaborate with others in the field. Great communicator and leader with a driven mindset

Work History

Lab Assistant (2020-08 – 2021-09)

Liberty University – Lynchburg, VA

As a lab assistant at Liberty University, my responsibilities were to help students with any technical problems they have, such as internet connectivity issues, printing issues, Microsoft Office issues, etc. I also maintained the computers and printers in the lab.

Store Associate (2021-06 – present)

Aldi – Midlothian, VA

As a Store Associate at Aldi, my responsibilities are to ring up groceries, assist in stocking the store, clean and maintain the store, and provide excellent customer service.

Education

Computer Science,
Web and Mobile Programming (2020-08 – 2024-05)

Liberty University – Lynchburg, VA

Projects

Lead Web Developer (2021-09 – Present)

Vanguard Mars Rover Competition Team

In September of 2021, I joined my university's Mars Rover Competition Team. Each year, this team enters its Mars Rover into NASA's University Rover Challenge (URC) held in Utah. This team is comprised of about 15 dedicated engineers and software developers who are eager to put their skills to use. I am currently in charge of developing the website that will display live camera feed, controls, and other data from the rover itself.

Courses

CSIS 215 - Algorithms and Data Structures

Study of data structures such as linked lists, stacks, queues, trees, and graphs. Algorithms for manipulating such structures will be introduced and analyzed. Static and dynamic memory allocation. Access methods for sorting/searching, such as hashing and tree searching. (Finishing May 2022

MATH 250 - Discrete Mathematics

Logic and proofs, set theory, Boolean algebra, functions, sequences, matrices, algorithms, modular arithmetic, mathematical induction and combinatorics. (Finishing December of 2021)

Personal Info

Email

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Phone

(804) 931-1034

Websites

linkedin.com/in/brandon-pyle

github.com/bpyle02

Skills

Leadership

Communication

Technical Writing

Technical Support

React

Angular

C++

Linux