

Noah Shields

Software Engineer

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EDUCATION

Virginia Commonwealth University, Richmond VA August 2021 - May 2023
Bachelor of Science in Computer Science with a concentration in Software Engineering
Major GPA: 4.0 Overall GPA: 3.82 Deans list (All Semesters)

EXPERIENCE

Virginia Commonwealth University, Richmond VA
Tutor August 2021 - Present

- I provide a safe space for VCU students to seek out computer science help.
- I tutor the majority of computer science majors at VCU, ensuring they have the tools and understandings of the material to do well in their class

PROJECTS

VCU Campus Learning Center Tutoring Schedule August 2022 - Present

- Full-stack application to be used by Virginia Commonwealth University to manage their tutoring schedule
- Uses a relational database built in MySQL, ReactJS for the front-end, and Flask/Python for the back-end

RELEVANT SKILLS

- **Algorithm Skills** – able to solve problems in many ways, and determine which has the best time and space complexity
- **OOP Skills** – fluent in many OOP languages, and many that are not. Python, JAVA, C++, C#, C, SQL, JSON

RELEVANT COURSES

- **Computer Organization**
- **Software as a Service**
- **Algorithm Analysis with Advance Data Structures**
- **Database Theory**
- **Programming Languages**
- **Object Oriented Programming**