

Charles Virag

charlesvirag@gmail.com | linkedin.com/in/charles-virag | github.com/virag00

I am a computer Computer Science major with a strong foundation in programming, application development and an interest in cybersecurity. I have achieved practical work experience through my roles and internships which showcased my technical skills and commitment to excellence. I am currently seeking opportunities for a full time job at a computer science/software development company.

Education

James Madison University
Computer Science - BS
August 2019 - December 2024

GPA: 2.95

Skills

Java, C, Python
HTML, CSS, JavaScript
Ruby, Haskell, Rust
SCRUM
Problem Solving
Critical Thinking
Customer Service
Communication
Collaboration
Microsoft Office
Adobe

Clubs and Organizations

Member: Religion Society 2024-Present
Member: Cyber Defense Club 2024-Present

Volunteering

FIRST Lego League Virginia + Washington DC
Spring 2024

MadiSTEM
Fall 2023

Work Experience

Target, Harrisonburg, Virginia
Seasonal Sales Associate - Tech
November 2023 - January 2024

- Offered technical advice, troubleshooting, and sales

The Jones Group CPAs and Consultants, PLC, Culpeper, Virginia

Support Staff - Intern
December 2018 - May 2022

- Moved documents to the company server, gained Microsoft Office and Adobe proficiency

Projects

Programing Languages

I designed a custom language that uses a grid UI to perform arithmetic on cells. I developed the grammar, and used Ruby to write the lexer and parser for instructions to be tokenized and the proper arithmetic performed.

Software Engineering

I worked collaboratively with a group to undergo the SCRUM process and develop a movie database using the IMDB API and JSON files in Java.

Instruction Set Architecture

I built an ISA that reads in a binary file and dumps out the Assembly language version. This process required CPU register manipulation and binary arithmetic.

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