

CHARLES V MOUNCE

CS/MATH UNDERGRAD

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SUMMARY

Passionate and driven developer looking to break into the cybersecurity industry

EDUCATION

Rensselaer Polytechnic Institute, Troy NY.

Graduation anticipated in May 2029 with majors in Mathematics and Computer Science

Courses Completed:

- Data Structures
- Foundations of Computer Science
- Computer Architecture and Operating Systems

WORK EXPERIENCE

Quantitative Researcher Jan – May 2026

Atlas FX, ATX

Strengthened forex algorithms, Built and optimized neural networks, and collaborated with traders.

Host May – August 2026

The Cheesecake Factory, ATX

Provided hospitality to customers, managed restaurant seating, and efficiently navigated high-stress situations.

EXPERTISE

- Software Engineering
- Rust Programming Language
- IT

REFERENCES

Quinn Joplin

CFO at Atlas

quinnjoplin@gmail.com

Mike Cronin

Former GM at The Cheesecake Factory
(518) 453-2500

PROJECTS (AVAILABLE ON GITHUB)

QRTsReallyTiny

programming language

a minimalist hobby language built upon prefix notation and binary functions, interpreted with rust

swarm-intelligence

research

a computational experiment in the evolution of swarm intelligence through natural selection

charles-vm.com

website

A hand-built, aesthetically pleasing presentation of my self and my work

autocells

research

research into a specific phenomena related to cellular automata