

# David Cincotta

---

Boston, Massachusetts | (978) 460-7341 | decincotta@gmail.com

Linkedin: <https://linkedin.com/in/david-cincotta-a20384171>

Website: <https://davidcincotta.com>

Github: <https://github.com/DavidCincotta>

## Summary

Software Developer adept in multithreaded C/C++ simulations and Rust-based data processing for cryptocurrencies. Demonstrated expertise in full-stack development with Node.js and TypeScript on AWS with my personal website, and a 5-star tutor in advanced tech courses such as OS and Algorithms, teaching over 100 students. My desire for a wide foundation leads me to practical designs in system architecture, an ability to do server maintenance, and clean confident code. Eager to leverage my diverse skill set, I thrive in environments that demand rapid learning and innovative thinking, contributing to cutting-edge solutions and technological advancement.

## SKILLS

- Programming Languages: C | C++ | JavaScript | TypeScript | Python | Java | Rust
- Software Architecting: Lucidchart | Architecture Diagrams | ER Diagrams
- Infrastructure Management: Scripting | Bash | AWS | Google Cloud | Docker

## WORK EXPERIENCE

Software Developer Contractor | Umshini

(4/2023) – Present

Innovated with new ways to use LLMs, which were put into our main product offering, and the eventual patent filing. Used a wide tech stack based in Python, leveraging Reinforcement Learning libraries and Langchain. Created environments and agents that specialise in red teaming. Server maintenance and development were recurring tasks. My System Architecture diagrams were submitted along with the patent filing.

Computer Science Tutor | Wyzant

(3/2023) – Present

Through tutoring hard subjects, I've had to relearn and deepen my understanding of topics such as, Reverse Engineering, Algorithms, Operating Systems, Digital Forensics, Data Structures, etc. This opportunity helped get struggling students up to speed, and proficient students to excel, while informing myself of completely new subjects. Tutoring vastly improved my communication skills such that I can explain complex subjects at a variety of levels.

Software Developer Intern | eCurrency

(9/2022) – (12/2022)

This company provides a CBDC SaaS solution for entire countries. I gathered information from our Linux installations on AWS to contribute to a security assessment and maintain production servers. Through extensive scripting and documentation I found and updated all the certificates managed by our company. In this process, I also set up an in-house Central Authority with openssl so it would be easier and cheaper to issue new TLS certificates.

## EDUCATION

BS CS, Computer Science | University of Massachusetts Amherst

Graduation Year (2023)