

David Cincotta

Website: <https://davidcincotta.com>

Email: decincotta@gmail.com

[LinkedIn](#)

[GitHub](#)

EDUCATION

University of Massachusetts Amherst: *BS Computer Science*

December 2022

Coursework: Database Management, Simulation, Digital Forensics, Computer Networking, Operating Systems

WORK EXPERIENCE

Swarm Labs - Contractor

May 2023 - Current

- Developed multiple reinforcement learning style environments for text based agents
- Created complex LLM agents for those environments using the Langchain library, OpenAI technology, and with prompt engineering strategies
- Maintained server infrastructure, including TLS certificates, and helped to extend the backend for LLM based agents

Wyzant - Computer Science Tutor

February 2023 - Current

- Teaching college students from first year to early graduate students in Computer Science
- Most of my students are enrolled in high level courses, so I've helped my students through courses like Operating systems, and Digital Forensics courses that were vastly different than my own experience

eCurrency - Technology

Sept 2022 - December 2023

- Worked in an Agile team to develop front and backend solutions for a Grails application
- Contacted clients with support issues, diagnosing problems on production servers
- Procured JCOP smart cards from vendors, going through the steps of technical requirements to proofing
- Used openssl and linux scripting tools to manage x509 certificates on production systems

P3 Software - Full Stack Development

May - August 2020

- Worked with owner of software company to design a business process that extended a current product to proofing and delivery for suppliers
- Implemented web interface using PHP Laravel and Oracle db
- Enforced good database management paradigms, optimizing and debugging SQL calls, and identifying data integrity problems

Hologic - Solution Architect Internship

May - August 2019

- Designed cloud architecture on the Salesforce and databases in Oracle EBS using Mulesoft for integration that was tested and approved
- Developed cloud resources for Salesforce to modernize the management of sales territories with limited input from the Principal Architect

SKILLS

Programming Languages: Python, Javascript, Groovy, Node.JS, Bash, SQL, Java, C++

Tools: Git, Gitlab, Jira, Jenkins, LLMs , GPT, OpenAI

Other Skills: Software Architecture, Networking, Database Design, Prompt Engineering

PROJECTS

AWS Cloudfront Website

December 2023 - Current

- Created a Cloudfront distribution, uses AWS Lambda for microservices and Route53 for DNS management. Amazon Certificate Manager provides https support
- Written with React/Next.js using Tailwind CSS, compiled to a static website to reduce running costs