David E. 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

Wyzant - Computer Science Tutor   *Mar 2023 - Current*
- Tutoring college students from first year to early graduate students in Computer Science
- Coursework includes Operating Systems, Algorithms, Intro to Programming
- Maintaining a student count of 100+, averaging 35 hours tutoring and 10 hours prep per week

Swarm Labs - Software Developer (Contractor)   *May 2023 - Jul 2023*
- Developed multiple reinforcement learning style environments for text based agents
- Created complex LLM agents for environments using the Langchain library, using most LLM providers, and with up to date prompt engineering strategies in python
- Maintained server infrastructure, including TLS certificates, and helped to extend the backend for LLM based agents

eCurrency - Software Developer Intern   *Sep 2022 - Dec 2022*
- Part of agile team that developed front and backend solutions for Central Bank Digital Currencies
- Provided technical client support
- 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 - Software Developer Intern   *May 2020 - Aug 2020*
- Designed 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 - Software Developer Intern   May 2019 - Aug 2019
- Designed cloud architecture on the Salesforce and database 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, Node.JS, Bash, SQL, Java, C++/C, Rust
Tools: Git, Gitlab, Jira, Jenkins, LLMs , GPT, Prompt Engineering
Other Skills: Software Architecture, Networking, Database Design, Prompt Engineering

\