
WALTER TRACEY

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Profile

Detail-oriented Computer Science graduate with development and systems experience in various languages from school and personal projects; interested in expanding knowledge into security, systems or infrastructure, AI, game development, and other creative software tool development. Also self-taught and heavily interested in sound design and playing, recording, and mixing music of all genres.

Experience

Elliott Tool Technologies

Application Developer — March 2023-July 2023

- Trained in programming sourced HMIs (touchscreen, human-machine interface) and Yaskawa servomotor PLCs as part of a development project
- Identifying and prioritizing work necessary to modernize IT and its relationship to other departments
- Collaborated with Engineering Manager on fully automated system for gathering and analyzing data that determines Engineering effectiveness and influences bonuses

Junior Application Developer — September 2022-March 2023

- Work with internal customers to fix and enhance tools including their CRM, a complex ERP system, various other licensed tools, and custom standalone applications
- Full stack work using various languages such as HTML/CSS/JavaScript (React), .NET C# and VB, SQL, Python, shell scripting, as well as some IT tasks like server configuration
- Drove move to integrate proper version control usage with all projects
- Documenting a relatively large, poorly documented system
- Implementing new-to-us Agile methodology in everyday work

GoodMedicine

Web Dev/Media Management; Part-time remote — 2020-2023

- Work with stakeholders, devs, and outside company reps to include new brands and maintain compliance
- Configuring and tweaking a large eCommerce WordPress site
- Finishing and posting hundreds of products for international dietary supplement brands
- Writing some Python tools to automate my workflow for things like accessibility tags on the site

Atrium Pro Brands, Division of Nestle Health Science

Data Miner; Part-time remote — 2017-2019

- Studying the domain of nutrigenomics, state of the art and ethics for new supplement platform
- Integrate with science team and keep track of progress via spreadsheets
- Python web scraping for relevant articles and organizing accordingly

Education

- Miami University, Oxford, OH — Computer Science B.S. (Honors) 2021, Magna Cum Laude
- UCHS, Liberty, IN — Core 40 Honors 2017, Class Valedictorian

Certifications

- AWS Certified Cloud Practitioner, November 2023-2026
- AWS Certified Cloud Developer Associate, November 2023-2026

Skills

Languages

Proficient: HTML/CSS/JS•Bash•Reactjs•SQL

Intermediate: C/C++•Java•Python•Nodejs•C#•.NET

Limited: PHP

Frameworks/Tools

- AWS
- Any major OS
- Godot, Unity, Unreal Engines