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Talia W. Smiley

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Employment

| **Technical Cofounder** | **Silversight AI** | **March 2025 – Present** |

- Built our **OpenTofu** and **CI/CD** infrastructure from the ground up, then scaled as team size grew 300%.
- Architected a microservice architecture built in **Python** and **C#**.
- Handled cost management and **IAM** for an enterprise-scale **GCP** deployment, ensuring org-wide compliance.

| **Software Consultant** | **Self-Employed** | **January 2025 – March 2025** |

- Implemented an architecture with **Celery** and **Docker** for rapidly deploying bespoke data pipelines that interface between **HubSpot** and **PostgreSQL**, cutting onboarding time for new clients by 2 weeks.
- Designed a chatbot driven by **OpenAI**, able to interpret and execute natural-language requests.

| **Software Engineer** | **AutoIDM** | **March 2023 – January 2025** |

- Made 200+ **Git** contributions to the open-source Meltano platform, an **ETL** tool written in **Python**.
- Refactored our internal **numpy** and **pandas** wrappers, expediting ticket turnaround by 12.8%.
- Modernized our **GitLab CI** pipelines with **uv** and **ruff** to cut build times from 6-7 minutes to 2-3 minutes.
- Constructed and maintained 20+ API-based microservices using tools such as **Postman**, **ngrok**, and **Snowflake**.

Additional Experience

Technical Projects

- **exaaactly** (2025). Custom theme for static websites with clean and elegant **HTML/CSS**.
- **target-universal-file** (2024 – 2025). Data loader for the Singer format that supports CSV, JSON, Excel, and Parquet. Written in **Python**, published to **PyPI**.

Volunteer Work

- **President:** Computer Club at Western Michigan University. April 2023 – April 2024.
- **Data Analytics Mentor:** FIRST Robotics Team 5675. May 2022 – May 2024

Education

| **Western Michigan University** | **September 2022 – April 2025** |

- M.Sc. Computer Science, April 2025. GPA: 4.00
- B.Sc. Computer Science & B.Sc. Data Science, April 2024. GPA: 4.00
- Honors: Presidential Scholar, Lee Honors College, Summa Cum Laude $\times 2$, Dean's List $\times 3$