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Jason C. Wheeler

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SELECTED WORK EXPERIENCE	Co-Founder TCW Strategies, Mt. Rainier, MD <i>Spring 2021 - Summer 2022</i> Developed product roadmap, served as lead designer of business intelligence tools, and coordinated implementation of machine learning solutions underlying all core product offerings.
	Software Engineer Hedronstone, Austin, TX <i>Fall 2018 - Spring 2021</i> Helped clients assess the feasibility of using machine learning models to solve their business problems. Oversaw the deployment of machine learning models for clients, ensuring high reliability and performance in production environments.
	American Federation of Teachers, Washington, DC <i>Spring 2012 - Fall 2018</i> Collaborated with educators and community stakeholders in the coordination of pro-public education campaigns around the country.
EDUCATION	Georgia State University, Atlanta, GA Bachelor of Arts Political Science
SELECT PROJECTS	TablesGPT GitHub Repository TablesGPT is an in-development open-source application that allows users to extract, organize, analyze, and visualize tabular data from files using natural language commands. ContractQA Website A software solution for enabling the conversion of contracts into vector indices that can be queried through an intuitive user interface. This solution was designed to empower everyday people with the ability to analyze contracts and identify key clauses and information without extensive legal knowledge. CLI for Speech Recognition Task GitHub Repository Demo Developed CLI interface for speech-to-text translation. The system achieved state-of-the-art WER for the Swahili language. Fine-Tuned Object Detection System GitHub Repository Pre-trained MaskRCNN using RESNET50+FPN backbone on a manually curated

	and annotated dataset.
SKILLS	<ul style="list-style-type: none"> ◇ Programming Languages: Proficient in Python and JavaScript . Familiar with SQL. ◇ Data-Centric Modeling: Feature selection, end-to-end learning, experiment tracking ◇ Model Optimization: Hyper-parameterization , network optimization ◇ Deployment: Docker containerization, AWS EC2, Google Kubernetes Engine ◇ Version Control: GitHub ◇ CI/CD: GitHub Actions ◇ Full Stack : React, MongoDB, Node.js, Express ◇ LLM APIs : OpenAI API, LangChain, LlamaIndex, GuardRails