

Christian Martin

christian@ctmartin.dev
ctmartin.dev (Portfolio)

github.com/ct-martin
linkedin.com/in/ct-martin

SUMMARY	I love making data useful to people! My skills are best in data manipulation, systems administration/engineering, and untangling complicated data/lineages. In my job experience and coursework I've worked with datasets of hundreds of millions of records.	
EDUCATION	The University of Texas at Austin M.S. Information Studies	May 2024
	Rochester Institute of Technology B.S. New Media Interactive Development	May 2020 <i>summa cum laude</i>
EXPERIENCE	<u>Intern Semantic Arts Jun 2023 – Present</u>	
	<ul style="list-style-type: none">• Collaborated in modeling of 6 enterprise ontologies• Implemented significant changes in multiple ontologies• Implemented untested ontologies to evaluate production readiness• Mapped a medium-large example database from SQL to RDF Triples	
	<u>Student Tech School of Information, University of Texas at Austin Sep 2022 – Jun 2023</u>	
	<ul style="list-style-type: none">• Major project: rewriting Linux management from scratch using Ansible and updating configurations to current best practices, particularly for security• Trained & advised undergraduate workers, inc. handling situations	
	<u>Collections Information Specialist Fine Arts Museums of San Francisco Jan 2022 – Aug 2022</u>	
	<ul style="list-style-type: none">• Responsible for data cleaning projects and the website's ETL data pipeline• Researched data lineage and meaning with stakeholders• Major project: fixing metadata links across hundreds of thousands of records• Intermediate-Advanced SQL, Google Sheets, Excel, OpenRefine, Python, SSRS Reports	
COURSES	Data Semantics – used Apache Jena and SPARQL to examine the semantics of owl:sameAs and skos:exactMatch along with their usage in the Wikidata and Getty ULAN datasets	
	Intro to Machine Learning – trained a model to take SQL queries and return the question the query is trying to answer; investigated where and why the model struggled most	
	Individual Study – used Linux system management tools to enable convenient, reproducible deployment of robotics experiments	
ACTIVITIES	I enjoy tea, immersive experiences, and my data side-hobby is datasets of cultural institutions. I've been learning about big data tools, particularly pipelines & warehouses, and am about to start my AWS certificate. This past academic year I took on the training and paperwork to get my department's LGBTQ+ student organization (iPride) official and am currently one of the Officers.	
SKILLS	Programming: Java (Jena), JavaScript (inc. d3, Node, React, TypeScript), Python Technologies: Apache, CI/CD, Excel, Git, MongoDB, Nginx, RDF, Redis, SPARQL, SQL Platforms: Docker, Graph Databases/Triple Stores, Kubernetes, Linux, SQL Server	
ROLES	Data Specialist , Data Engineer, Knowledge Scientist, Data Scientist, Full-Stack Engineer	