

EDUCATION

University of Pittsburgh			May 2023
Master of Science in Information Science			Pittsburgh, PA
Coursework:	Applications of Networks	Database Management	Neural Networks
	Information Systems Analysis and Design	Data-centric Computing	Algorithm Design
	Information Storage and Retrieval	Interactive System Design	Machine Learning
University of Pittsburgh			May 2020
Bachelor of Science in Chemistry with Administration of Justice minor			Pittsburgh, PA

SKILLS

General	Programming	Libraries
Microsoft Office Suite	Python	Pandas NumPy
Regression Analysis	VBA	Matplotlib Seaborn
Git Version Control	R	D3.js C3.js
Data Visualization	SQL	Django Bootstrap
Artificial Intelligence	Java	JQuery AJAX

EXPERIENCE

Quest Diagnostics Medical Laboratory Scientist I	Pittsburgh, PA November 2020 - Present
<ul style="list-style-type: none">Conducted high-complexity CLIA-certified testing on hundreds of oral fluid samples daily.Quantitatively and qualitatively analyzed multidrug panel for patient chromatography data.Supported R&D efforts, improving cost-efficiency and turnaround time via automated instrumentation.Led efforts in archival of legacy code and adoption of version control for software integrity.Leveraged Excel templates to streamline quality control review workflows and reduce human error.	
Pre-analytical Assistant	May 2019 – November 2020
<ul style="list-style-type: none">Efficiently sorted and routed thousands of patient samples to relevant departments for testing.Cross-trained on multiple workstations in other departments to provide assistance during staff shortages.	
Chick-fil-A Team Coordinator	Pittsburgh, PA December 2016 – May 2019
<ul style="list-style-type: none">Oversaw task assignments and break schedules for the team.Managed back-of-house or front-of-house operations as needed.	
Front-of-House Crew Member	June 2015 – December 2016

PROJECTS

Fair Movie Recommender Python (Django), HTML, CSS, JavaScript (jQuery, D3), GitHub
<ul style="list-style-type: none">Developed a system to combat common stereotypes and biases in AI recommendations.Implemented with a movie dataset containing millions of user ratings across thousands of movies to give user control over browsing recommendations based on user demographics.Included an interactive k-means clustering visualization that encouraged users to explore the data.
Analysis of NFL dataset Python (pandas, scikit-learn, seaborn)
<ul style="list-style-type: none">Leveraged machine learning techniques to identify optimal 3rd down conversion play in NFL games.Utilized features such as down, quarter, time remaining, play called, and yards-to-go for predictions.