

Kyle Chandler

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PROFESSIONAL SUMMARY

Software engineering professional with 3 years of experience in data engineering, application programming and analytics.

LANGUAGES, TECHNOLOGIES AND DATABASES

Languages: Python, Java, JavaScript, HTML5, CSS3

Technologies: Docker, GitHub, GitLab, Visual Studio, PowerBI, Tableau, QGIS, Linux, React

Databases: MySQL, MS SQL Server, MongoDB

WORK EXPERIENCE

City of Baltimore Mayor's Office of Neighborhood Safety and Engagement

Aug. 2022 – Present

Data Analyst

Baltimore, MD

- Developed a web app that served as Baltimore City's primary form of data collection for youth engagement deployed on over 30 on-the-ground devices. This was built utilizing JavaScript, HTML and CSS on the front-end, and Python (Django) on the backend, connected to a MS SQL Server database.
- Led the design and creation of an internal MS SQL Server database, and utilized T-SQL and Python to create automation/migration processes for all current and new data to be routed into the database.
- Developed an internal tool to pull 311 and 911 call information within a 6-block vicinity of an address. Back-end was created using Python, GUI was created using Python (PyQt5), and tool was distributed using PyInstaller.
- Contributed to Baltimore City's nation-leading Public Safety Accountability Dashboard.
- Implemented and adhered to Agile project management, with the use of project trackers and bi-weekly sprints.

University of Maryland, Baltimore County

Sep. 2021 – Feb. 2022

Graduate Research Assistant - Software/ETL

Baltimore, MD

- Cleaned and transformed large amounts of unstructured data (10,000+ voice transcripts) into a structured dataset using natural language processing in Python that allowed for quantitative analysis.
- Conducted data analysis using R programming language to successfully extract meaningful insights that supported project's hypotheses, leading to the paper's selection for a high value grant award.

University of Maryland, Global Campus

Summer 2021

Statistics Consultant

Silver Spring, MD

- Performed multivariate linear regression analysis in Python evaluating the relationship of digital public education program models to desired outcomes. The results led to the successful implementation of the chosen program.

PROJECTS

Personal Website

- Developed a personal website using JavaScript, HTML5 and CSS3.

EDUCATION

Oregon State University

B.S., Computer Science

Graduating 2025

Corvallis, OR

Towson University

B.S., Business Administration, Project Management and Analytics | Dean's List

2020

Towson, MD

SOCIAL



<https://github.com/kylerobertchandler>



<https://www.linkedin.com/in/kyle-chandler-967074160/>