ARYAN TIMLA

+1 402-805-3121 ◇ Lincoln, NE

aryantimla@gmail.com ◇ linkedin.com/in/aryan-timla/ ◇ github.com/atimlaa

EDUCATION

Bachelor of Science in Computer Science, University of Nebraska Lincoln — August 2018 - May 2022
Minor in Mathematics and Computational Biology & Bio-informatics (CBBI)

SKILLS

Languages	C\C++, Java, SQL, R, Python, C# .NET, HTML, CSS
Technologies	Git, GitHub, MySQL, VS Code, Django, RStudio, Quarto, Shiny, Zenhub, Tableau, Google Analytics, GCP, BigQuery, Data Studio, Travis CI, AWS, Microsoft Office Suites

EXPERIENCE

Media/Business Development Data Analyst — July 2022 - Present
Nebraska Public Media — *Lincoln, NE*

- Designing an ETL data warehouse for Nebraska Public Media radio stations, using Google Cloud Platform, R, and Shiny to process market audience estimates data.
- Collaborate with various departments on media research projects, conducting data collection, and analysis, maintaining data confidentiality, creating presentations and developing research methodologies.
- Manage and maintain data pipelines using Apache Airflow, Docker, Google Cloud, Python, and R.

Senior Design Software Developer — August 2021 - May 2022
UNL School of Computing, YAO Integrated Digital Omics Lab — *Lincoln, NE*

- Developed a python-based website framework for managing protein posttranslational modifications data.
- Experienced various Agile SDLC Methodology practices, including daily scrum meetings, planning poker, sponsor meetings, requirement engineering, documentation, peer programming, and code reviews.
- Utilized pytest for automated unit testing, selenium for web UI testing, and pylint for code analysis.
- Implemented Continuous Integration and Deployment (CI/CD) using Travis CI and AWS.

Data Research Analyst Intern — July 2020 - May 2022
Nebraska Public Media — *Lincoln, NE*

- Built an automated report system for nebraskapublicmedia.org and NPMs' subsidiary Facebook pages.
- Generated insights from diverse data sources, such as web, social media, survey data, audience ratings, and marketing databases, utilizing Google Analytics, BigQuery, and R.
- Created reports and dashboards, performing regular and ad-hoc analysis.

PROJECTS

Project Conduit: A data pipeline project focused on automating data extraction, aggregation, analysis, and reporting for Nebraska Public Media.
Tech stack: Apache Airflow, Python, R, GCP, Google Data Studio, and many more.

New pyP3DB: The new version of P3DB was redesigned and generalized in order to host and display data sets in a more flexible, comprehensive, and secure way. [(New P3DB)]
Tech Stack: Python-Django, CSS-Bootstrap, MySQL, MongoDB, AWS, Travis CI.

Super Bowl Data Analysis: This project looks at Super Bowl Data, generating insights into game outcomes, viewership, and halftime shows.
Tech Stack: Python (pandas, pyplot, seaborn)