Lucien Mensah

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EDUCATION

Tulane University | *2021 - 2022*   New Orleans, LA
Master of Arts, Computational Linguistics, **GPA**: 4.0
Relevant Coursework: Textual Computation, Syntactic Theory, LGBTQ+ Linguistic Research, Intro to Machine Learning
- Analyze Syntax of Twi in collaboration with a native speaker to track syntactic differences between native and non-native speech

Tulane University | *2018 - 2021*   New Orleans, LA
Bachelor of Arts, Linguistics
- Participated in a collaborative software development process, creating a Python prototype to lemmatize affirmative words as part of a 5-person Natural Language Processing team

Relevant Coursework: Intro to Computer Science, Computational Linguistics, Morphology, Phonology, Translation Studies Theory, Intro to Discrete Math

SKILLS

- **Programming languages:** Python, HTML/CSS, SQL, Java, C/C++
- **Languages:** Twi (Native), Japanese (Intermediate), Spanish (Intermediate)
- **Project management:** Agile/Scrum development

WORK EXPERIENCE

Data Analytics Intern - Data Scientist

Mars, Inc. | May 2021 - August 2021
- Utilize Databricks to refine data pipeline code to be sustainable and align with PEP 8 standards
- Experiment with GPT-2 to train a model to answer questions about different products
- Redesign previously used PowerBI dashboard to meet needs of stakeholders
- Develop a new Dash build to convey greater information about difficulties during different parts of the supply chain

Digital Humanities Research Intern - Project Manager

Newcomb Institute | August 2020 - Present
- Manage a 12 student Scrum team to employ Agile development methodologies to design and develop technical solutions for 4 professors across the university
- Develop 6 WordPress websites, providing technical translation for non-technical clients with a 10% increase in faculty online presence
- Leverage Tableau to create a mapping dashboard highlighting the differences in birth rates for New Orleanian Black, Hispanic, and white women to show a 4% disparity

Student Advocacy Intern

Tulane Office of Gender and Sexual Diversity | March 2020 - Present
- Present conversation with our guest speaker to over 300 people, at an in-person event on topics of diversity, inclusion, and innovative social media tactics
- Review and presented organization finance information with Excel, showcasing business requirements and resulting in a 40% budget increase
- Work on a team of 5 faculty and students to analyze data, redesigning student housing portal UI for over 5000 students

PROJECTS

Trans* Twitter Analysis
- Organized an independent study course to analyze language use on Twitter, utilizing Pandas to examine the data and Matplotlib employ visualizations