

Wilson Diaz

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EDUCATION

Temple University, College of Science & Technology

Philadelphia, PA

Bachelor of Science, Information Science & Technology, Minor in French

May 2021

Temple University Honors Program

GPA : 3.9

SKILLS

Python · Java · C# · SQL · HTML/CSS · JavaScript/TypeScript · React · NodeJS

WORK EXPERIENCE

Cigna | Data Analytics & Engineering

Philadelphia, PA - Remote

Full-Stack Web Development Intern

May 2020 – Aug 2020

- Added functionality to a UI application developed in **Angular**, allowing our business team to provide an in-depth data audit to customers
- Created an endpoint in the **Flask** back-end to serve system build metadata for developers to view on the front-end application
- Led initiative to document our REST APIs using **Swagger/OpenAPI** Specification

Temple University | College of Science & Technology

Philadelphia, PA

Teaching Assistant

Sept 2019 - Present

- Teaching Assistant for Database Design & Programming and Component-Based Software Design courses
- Reinforce student learning by leading weekly lab sessions and providing demos on how to use development tools
- Drive student mastery by providing thoughtful feedback on labs and projects

RESEARCH EXPERIENCE

Temple University | Center for Data Analytics and Bioinformatics

Philadelphia, PA

Undergraduate Research Assistant

Sept 2019 – May 2020

- Preprocessed medical datasets for application in training and testing deep learning neural networks
- Implemented **MySQL** queries to export patient data from department database to local CSV files
- Developed **Python** scripts to organize patient data sequentially to facilitate tracking of individual medical history

TECHNICAL PROJECTS

- **PlanitDate – DragonHacks ‘20** – Web app that plans a date based on user input. Suggests a date location retrieved using Yelp’s public API (Bootstrap, NodeJS)
- **Study Buddies – HackRU ‘19** – Mobile app that helps users quickly and easily find other people to study with (React Native, Flask)
- **Cheating Hangman** – Game variation utilizing ArrayList, HashMap, and HashSet that tricks players by referencing all possible words to dodge guesses (Java)

EXTRACURRICULAR

Sponsored to attend ACM Richard Tapia Celebration of Diversity in Computing Conference

CodePath Intermediate Software Engineering Bootcamp