LUCAS TORRES

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EDUCATION

User Experience (UX) Design Certificate   2020
York University

Civil Engineering Technology   2014 - 2017
Humber College

PERSONAL PROJECTS

Car Rentals Service
https://github.com/imcvlucas/lucas-car-rentals
- Designed a mockup and prototype user interaction using Figma.
- Built the backend with Django to handle custom account and product creation, leveraged sessions to store and retrieve data when needed, sent emails to customers once an order had been placed.
- Utilized Stripe API to handle the payment process
- Integrated PostgreSQL to store user accounts and products.
- **Technology:** HTML5, CSS, JavaScript, Python, Django, PostgreSQL, REST API, Heroku

Weather Forecast API
https://github.com/imcvlucas/weather-forecast
- Integrated a public weather REST API provided by OpenWeatherAPI to fetch the weather data for the current week
- Displayed weather data using HTML5/CSS and JavaScript
- **Technology:** HTML5, CSS, JavaScript, Python, Django, REST API, Heroku

GPU Web Scraper
https://github.com/imcvlucas/gpu-scraper-amazon
- Built a web crawler using Scrapy to extract structured data from Amazon.
- Utilized Pandas to filter, manipulate, and analyze the data. Once parsed, the data was plotted using Plotly to help visualize the scraped data.
- **Technology:** Python, Scrapy, Pandas, Plotly, Streamlit

Student Database Management System
https://github.com/imcvlucas/student-database-management-system
- Built a simple command line interface (CLI) application that allows users to create student profiles and report cards, utilizing CRUD functionality.
- **Technology:** C++

ACADEMIC PROJECTS

UX Design Capstone Project
https://www.adamwilliamson.com/
- Collaborated with a team to design, prototype, and test a business portfolio for Adam Williamson - an award-winning calligrapher, geometer, and carver.
- Conducted various user testing methods such as usability testing, heat maps
- Built and launched the portfolio using Shopify.
- **Technology:** Figma, Shopify

SKILLS

Proficient
Python, HTML5/CSS, SQL, Linux, GIt

Familiar
C++, JavaScript