**Arabelle Sarreal - Data Analyst**

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**SKILLS**

**Git | Github | PostgreSQL | SQL | Python | EDA | Data Cleaning | Data Wrangling | Statistics | Conda | Jupyter | VS Code | Pandas | Numpy | Matplotlib | Seaborn | Plotly | Streamlit | Hypothesis Testing | Statsmodels | Scikit-Learn | Scipy | Javascript | HTML | CSS | Node.js | Express | Selenium| VBA | Axios | Linear Regression | Anaconda | C++ | Java**

**EDUCATION**

**Old Dominion University - BS Computer Science** In Progress

**Tidewater Community College - AS Computer Science**  May 2022

Other subjects taken: Accounting and Business

**Landstown High School Governor’s STEM Academy** June 2017

Branch: Information Technology

**Certification: (MOS) Microsoft Expert Specialist Master** 2013 Expires: Never

**PROFESSIONAL EXPERIENCE**

**Devmountain School ,** Norfolk, VA December 2023 to May 2023

**Student Data Analyst**

**Webcomic Tracker -** [**Github Repo**](https://github.com/arabellesarreal/capstone-Project) **|** [**Demo**](https://youtu.be/FbAFqCX3Y8I)

*HTML | CSS | Javascript | Node.js | Express*

* Project purpose: Assist in managing and keeping track of multiple webcomics
* Project features: Creation/Deletion of webcomics, Ability to change what chapter was last stopped at
* Used Javascript, Node.js, and Express for backend development
* Used HTML and CSS for frontend development

**Housing Prices and Crime Grades-** [**Github Repo**](https://github.com/arabellesarreal/house-prices-vs-crime) **|** [**Demo**](https://youtu.be/PiEgCTibr7g)

*pandas| numpy | seaborn | statsmodels | python | selenium | streamlit*

* Project purpose: Analysis of the correlation of rate of Crime and Housing prices
* Used linear regression to make a predictive analysis of the price of housing per grade/rate
* Built a web scraper using selenium to collect data on crime grades on a zip code level of detail

**SAIC,** Norfolk, VA September 2022 to November 2022

**IT Service Desk Analyst**

* Resolved the user/customer's technical issues
* Supported users by performing system tests and updates
* Supported department-wide operations by the creation and editing of IT documents

**Navy Exchange (NEXCOM),** Virginia Beach, VA

**Data Entry Clerk** June 2021 to September 2022

* Performed the maintenance of multiple databases
* Developed scripts/programs in python and VBA for data cleaning
* Performed clerical functions related to assigned department

**RS Heating and Cooling,** Virginia Beach, VA

**Accounting Clerk** January 2018 to Present

* Prepare and send invoices
* Reconcile vendor and credit card statements
* Place orders for needed equipment and supplies

**Roses Discount Stores, Virginia Beach, VA**

**Cashier**  March 2017 to August 2017

* Rung up customers’ purchases into the POS system.
* Collected payments. Counted money and balanced register at the end of the day.
* Stocked merchandise. Answered customer inquiries.