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TECHNICAL PROJECTS

Website **Python/Django/CSS/HTML/JS/Bootstrap**

- Programmed a personal web app developed with Python/Django to display personal projects highlighting various skills.
- Utilized block tagging to maintain overall theme while concurrently allowing page specific information.
- Designed Frontend with HTML/CSS/JavaScript and Bootstrap to be user friendly on any device or platform.
- http://lnpappas.pythonanywhere.com

Technical Blog **SQLite/Python/Django**

- Provides comprehensive description of current project progress including discussion of efforts and insights.
- Concurrent blog offers summary of research into technologies and methods throughout development and education.
- Enabled URL dispatcher and user capture groups to address each post from database without further coding.

Movie Posters **REST/Python/Django**

- Orchestrated a movie poster search engine that displays the title, year, and movie poster of results relevant to the user input.
- Implemented REST API from IMDB type database for comprehensive inquiries from search engine.

Guest Book **SQLite/Python/Django**

- Incorporated Django Forms and SQLite database. Invites users to enter their name and company for display.
- Instituted Python's datetime module to accurately record signature commit.
- Applied template tagging with control flow to display table of entries.

Connect Four **JavaScript/jQuery/HTML/CSS**

- Engineered app for two users to play Connect Four by alternately selecting a column on the board and dropping their color piece into its lowest empty row. First player with four pieces in a row (horizontally, vertically, or diagonally) wins.
- Enabled multiplayer interaction on a completely frontend designed program.

EDUCATION

New Brunswick, NJ **Rutgers University** **September 2016 – May 2019**

- B.S. in Computer Science Engineering, May 2019.
- Undergraduate Coursework: Systems Programming; Software Methodology; Numerical Analysis; Linear Optimization; Information & Data Management; Internet Technology; Computer Security.

EVENTS

Advent of Code (December 2019)

- Developed programs in Python progressing in difficulty over 24 day period.
- Formulated individualized answer computed with given unique puzzle input based on specified instructions.

Hacktoberfest Open Source Hackathon (October 2019)

- Contributed to Vocabulary Builder with JSON file depicting Nosography.
- Improved compilation of data structures in various languages by implementing Heap Sort in Python.
- Implemented Fibonacci algorithm in Python recursively, dynamically, and with control flow loop to repository.

LANGUAGES AND TECHNOLOGIES

- Python; Django; HTML; CSS; SQL; JSON; JavaScript; Java;
- SQLite; MySQL; PostgreSQL; Git; REST; Bootstrap; AWS; Bash; PowerShell;