Derek Punaro

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Summary

Prospective Data-Science graduate with a background in Java application, HTML, CSS, Python, MySQL, and Oracle database. Highly analytical, motivated, and skilled at solving programming problems. Can work well both independently and in a team.

Education

University of California, Berkeley   **Berkeley, CA Aug. 2019 - May 2023**

Bachelor of Arts in Data Science - Intended

El Camino College   **Torrance, CA Jan. 2016 - June 2019**

Associate in Science - Mathematics

Associate in Arts - Accounting & Business Administration

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS, SQL, Regex, Scheme

Developer Tools: Git, Bootstrap, VS Code, IntelliJ

Projects & Experience

SWE Intern | *CareXc*   *May 2022 to Present*

- Mainted and upgraded features on CareXc website.
- Implemented a database for analyzing trends to benefit the company.

Data Science Intern | *Pilipinx Academic Student Services*   *September 2019 to May 2020*

- Continually updated the organization's website and honed my skills in Python, SQL, and CSS Bootstrap.
- Collected data about students in the organization and inputted that data into Microsoft Excel organized by SQL.

Enigma | Java, Git, IntelliJ   *February 2022*

- Built a java program by writing J-unit tests, and exceptions and implementing functions that simulate a WWII Enigma machine.
- Implemented a multilayer mismatching mechanism that encrypts or decrypts by going through various rotors permuting a given message.

Ants vs. SomeBees | *Python, Atom*   *October 2021*

- Built a tower defense game by using an OOP paradigm that is inspired by Plants vs Zombies with a similar mechanism.
- Implemented different classes with various attributes to define the functions and conditions of each character in the game and kept track of game stats like time elapsed, character positions, and usable resources.

Chief Executive Officer | *Adobe Illustrator, SEO, Shopify*   *June 2018 to May 2019*

- Designed a Shopify website to establish an online presence for the company which created more traffic and an

increase in sales

- Researched and developed social media marketing strategies increasing exposure by 300%
- Operated, maintained, and serviced the TruVIS 520 Roland Printer