Gabriella Rivera

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# EDUCATION

**UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL** June 2024c

Bachelor of Science in Informatics Seattle, WA

* Focus Area: Information Architecture

# TECHNICAL SKILLS

* **Tools**: Github, Excel, Terminal, Azure, Figma, MongoDB, Firebase
* **Languages**: Python, Java, SQL, R, Javascript/Node, HTML, CSS

# PROJECTS

**MICROSOFT & GREEN SOFTWARE FOUNDATION** Feb. – June 2022

* Using Python and Beautiful Soup, scraped and cleaned electric grid emission data for the Green Software Foundation, who sought to use this data to reduce emissions by automating electricity derivation

**DATABASE DESIGN & DATA MODELING** Sep. – Dec. 2023

* Developed advanced entity relationship diagrams, administered high volume production enterprise databases, utilized ETL process to populate OLAP database, created meaningful user-focused reports to facilitate decision-making

# GONE PHISHING WEBSITE Sep. – Dec. 2023

• Using Node.js, Express, MongoDB, React and Azure, with an emphasis on server-side architecture, designed and implemented a RESTful API web service which allows users to alert the public about phishing scams

## WORK EXPERIENCE

**DATA ANNOTATION** Jan 2023 - Present

• Demonstrate high level of creativity, excellent language and writing skills, and keen attention to detail

• Train AI models by combining data science and machine learning techniques with Python programming

• Structure and conduct analyses that generate insights and recommendations

• Compare AI responses to programming topics and statistical questions

**GREGG DRILLING / SEALASKA NATIVE CORPORATION** Jan 2023 – Jan 2024

Data/GIS Analyst Intern

* Developing and maintaining Python scripts that automate routine data processing tasks, ensuring efficient management of data within Excel, and enhancing analytical reporting mechanisms.
* Executing the deployment of OpenGround Geotechnical software to fortify the application’s performance, augment its security features, and bolster overall system scalability.
* Conducting meticulous analyses of Cone Penetration Testing data and spearheading the Quality Assurance and Quality Control (QAQC) processes. This involves a critical evaluation of existing project data workflows and suggesting strategic improvements to streamline operations.
* Collaborating with interdisciplinary teams to refine data storage methodologies, advance data extraction procedures, and refine inference techniques to support better decision-making processes.
* Employing advanced Excel techniques, such as pivot tables and VLOOKUP functions, to fine-tune formulas and guarantee precise calculations, which are critical for the formulation of remediation solutions in batch mixes.

**MAXIMILIEN RESTAURANT** March 2017 – June 2022

Manager/Server

* Supervise the day-to-day activities of service staff, assign responsibilities for work, and set deadlines to ensure the timely completion of work
* Implement production, productivity, quality and customer service standards, resolve customer service problems, identify trends and make course corrections/suggestions
* Responsible for bar menu planning, inventory, ordering, and managing of food and other supplies in order to ensure service is offered effortlessly while maintaining effective cost controls and quality standards