NAOKI ATKINS

COMPUTER SCIENCE MAJOR

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ABOUT ME

Technical Skills	C++, C, Python, Jupyter, Excel, R, Power BI, Git, GitHub, Java, Bash, Linux, PHP
Web and Databases	Firebase, HTML, CSS, JavaScript, Vue, SQL, NoSQL
Interests	Data Analysis, Data Science, Machine Learning, Software Architecture

EXPERIENCE

Data Analyst | Centers for Disease Control and Prevention *August 2021 – May 2022*

- Independently developed an all-in-one Power BI dashboard that provided an overarching view of the COVID-19 pandemic which included various health metrics of the patient population from a number of data sources
- Produced numerous analytical reports for CDC researchers that looked at disparities for monoclonal antibody use amongst racial groups and finding the counts of actual COVID-19 hospitalized patients vs. incidental COVID-19 patients over time
- Created Python scripts to restructure aggregated data from a data vendor to fit a standardized format for easy data visualization in Power BI

Software Engineer | Selling Simplified *June 2021 – August 2021*

- Independently worked on a Python web bot that automated the company's QC processes on LinkedIn and Google Maps that helped to reduce the manual workload by a significant factor
- Used Excel's vlookup and pivot table functions to ensure that ABM files were matching clients' parameters

PROJECTS

Text Classifier [https://github.com/naokishami/Classwork/tree/main/highPerformanceComputing/Project2-KNNClassifier] *April 2021*

- Designed and built a text classifier that will identify the genre of an unknown text. Processed the texts for words that would not provide value to the classifier and cleaned them out. Programmed a cosine similarity metric for distance calculations and a KNN algorithm to choose the genre of the majority class.
- Skills used: Python, Pandas, NLTK, Data Cleaning, Data Wrangling, KNN

COVID-19 Modeling [https://github.com/naokishami/Classwork/tree/main/dataScience/Covid] *April 2021*

- Collected, processed, and cleaned data from 3 different sources: John Hopkins, World Bank, World Health Organization. Manipulated data into a long format so that it could be merged into a single table for linear modeling. The model predicts the number of deaths in a country by the country's age demographics and hospital infrastructure.
- Skills used: R, Data Cleaning, Data Wrangling, Linear Modeling

EDUCATION

California State University, Fullerton
Bachelor of Science, Computer Science *May 2021*
GPA: 3.51 / 4.00
Relevant Courses: Data Science, Machine Learning, Artificial Intelligence, Databases, Computer Communication, Algorithm Engineering, Operating Systems, Software Testing, Software Architecture, Software Design

CERTIFICATES

- Google Data Analytics, Coursera April 2021. Recently completed the Google Data Analytics Certificate - a rigorous, hands-on program that covers the entire scope of the data analysis process
- AWS Fundamentals, Coursera April 2021. Covers the essential concepts, services, and use cases of the AWS cloud ecosystem