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Andrew J. Hisshion

Data Analyst

Education

Bachelor of Science in Business Administration
Enderun Colleges

Bachelor of Economics and Bachelor of Applied Science
University of Canberra

Skills

- Problem-solving
- Attention to Detail
- Deep Analysis
- Collaborative
- Resilient
- Adaptive
- Tech-savvy
- Continuous Professional Development

Tech Stack

Programming Languages

- C, C++, Python, Javascript, R

Data Science Tools/Libraries

- Excel, Google Sheets, AppScript, Power BI, Tableau, Looker Studio, BigQuery, Google Colab, JupyterLab, Pandas, Numpy, ggplot2, Matplotlib, NTLK, Pycaret, SciKit-Learn, PyTorch + more

Web Development Tools

- Frontend: React.js, jQuery, Bootstrap
- Backend: Django, Flask, Express.js
- Runtime: Node.js
- Database Management: MySQL, Sqlite, MariaDB, MongoDB
- Web Server Software: Apache, Nginx, Unicorn, uWSGI

Web Server Deployment

- AWS EC2, Linode, DigitalOcean, Heroku, CPanel, Pythonanywhere

Operating Systems

- Windows, Linux

As an avid learner, I embrace the belief that learning is a lifelong journey. This mindset has led me to explore the vast field of technology, where I have cultivated a passion, particularly in areas relevant to programming, cybersecurity, and data analysis. With proficiency in web development and cybersecurity complementing my expertise in data analysis, alongside a strong interest in leveraging programming for process optimization and automation, I bring a well-rounded skill set to the table. I prioritize efficiency, accuracy, and foresight to ensure optimal outcomes, coupled with a solutions-driven approach that drives my tenacity and persistence in pursuing successful outcomes.

Experience

PAYRETO SERVICES INC.

Data Analyst

Feb 2023- May 2024

- Performed ad hoc analysis and automation tasks, leveraging Google Colab, Apps Script and Local Code Development.
- Developed Python scripts for various tasks, including productivity analysis, capacity planning, data accuracy analysis, sentiment analysis of responses, candidate resume screening automation, and PDF scraping/modifying.
- Created visual analysis using python libraries, Google Sheets, Tableau.
- Migrated and Modified a Quality Assurance Sampling tool originally coded in R to Python for improved integration and functionality.
- Solved issue of low number of samples being generated for the Quality Assurance Team by developing additional data sampling techniques to allow for a larger pool of available samples for the Quality Assurance Team.
- Analyzed large datasets containing millions of financial transactions and transaction alert data using Python to conduct checks, calculations and other data processing support for Compliance Teams, ensuring compliance with regulatory requirements such as PEP and AML.
- Completed mandatory compliance training in accordance with PCI regulations.
- Served as the primary point of contact for data analysis tasks for client in Singapore focused on financial transaction compliance.
- Offered technical assistance and troubleshooting to agents utilizing an internal task management tool
- Assisted in migration of internal task management tool from Google Apps Script to a Django Web Application.
- Assisted HR in grading and reviewing data analyst applicants within the Business Development Team
- Handled monthly billing report and monthly QA sampling generation

FREELANCE

Web App Developer

Feb 2022 - Present

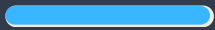
- Developed NFT websites using ReactJs on the Solana blockchain for minting NFTs, including image generation.
- Created a patient record management app using Django for a dentistry clinic.
- Designed and developed an e-commerce website using Django that sells custom covers for golf clubs.

Certifications

- **CS50X**
HarvardX
- **Data Science with Python**
Simplilearn
- **IBM Cybersecurity Analyst Professional**
Coursera
- **Technical Support Fundamentals**
Coursera
- **#100Devs Bootcamp**
100Devs
- **Security+**
CompTia
- **EJPT**
INE Security

Language

English



Tagalog



Links / Resources

Github
github.com/AJHissh

Sample AWS EC2 Dynamic Web Server

<http://ec2-54-206-76-243.ap-southeast-2.compute.amazonaws.com/>

Sample Flask App w/ API connection

<http://drewhish.pythonanywhere.com/>

Security + Certification
[Security + Verification Link](#)

eJPT Certification
[eJPT Verification Link](#)

CS50x Certification
[CS50 Verification Link](#)

IBM Cybersecurity Professional Certification
[IBM Cybersecurity Professional Verification Link](#)

FARMVOCACY

IT Operations Manager

Feb 2021 - Sep 2021

Sales Admin - Internship

Sep 2020 - Feb 2021

- Designed, Deployed and Maintained the company website on GoDaddy & Shopify to ensure optimal functionality and user experience.
- Developed efficient workflow forms to streamline business processes.
- Automated data entry processes for farm and sales operations using Airtable .
- Designed a system involving multiple third-party tools to facilitate delivery operations - that pushed data from Shopify -> Airtable -> Detrack which automated sending orders to delivery drivers.
- Utilized QGIS software to create maps for distributor area planning.
- Provided administrative support as needed.
- Collaborated with founders to strategize on business and process improvements.
- Created visualizations using Power BI and Looker Studio with BigQuery connections to Google Sheets
- Participated in seminars and training sessions through the AIM-DBI THINCOHORTS program.
- Led a month-long collaborative project with Nabtesco, employing design sprint methodology to enhance the UI/UX of the company's distributor program utilizing tools such as Figma and Miro

CARDIAX HEALTH TECHNOLOGIES

Operations Intern

Feb 2019 - May 2019

- Facilitated client onboarding into the database.
- Established and managed user reminder and reminder schedules on internal SMS application.
- Addressed internal SMS application errors promptly through troubleshooting.
- Implemented AI tagging on for data on Airtable
- Conducted status and activity checks on users.
- Developed visual analysis of user statistics.
- Generated proposals for operational enhancements.
- Collaborated with partners to achieve business goals and requirements.

JOBLANE INTERNATIONAL MANPOWER SERVICES

Operations Assistant

Oct 2015 - May 2016

- Conducted candidate scans in the Philippines for employment opportunities in Australia, New Zealand, and Papua New Guinea.
- Initiated communication with candidates to arrange face-to-face interviews.
- Collaborated with employer during interviews to assess candidate responses and suitability for the position
- Created analysis of attributes of candidates (skills, location, age etc) to identify commonalities in top candidates