Yu-Jui (Edward) Sung

/ Aspiring Data Enthusiast passionate about translating data into valuable insights /

+1 (206)-245-6933 | edwardsung63@gmail.com | https://edwardsungyujui.github.io/
https://www.linkedin.com/in/edwardsung-yujuisung/

EDUCATION

University of Illinois at Urbana-Champaign   Graduation Date: May 2022
Bachelor of Science in Information Sciences   Major GPA: 3.97/4.0
Concentration: Data Science, Minor: Applied Statistics

WORK EXPERIENCE

IT Engineer | Forward   JUL 2022 – PRESENT

Tools:
Bash, Meraki, Python, Jamf, Looker, Asana

- Developed programs to stabilize internet connection across 50 sites within the states.
- Created data pipeline to ETL across platforms and got insights from importing to Lookers.
- Coordinated with teams for onboarding and helpdesk issues.

Software/Data Engineer | Octoreach International   APR 2021 – FEB 2022

Tools:
Visual Studio, C#, .Net, Visual Basic, MongoDB, FHIR, Jira

- Built drivers on defibrillators, ventilators, and central stations with XML **schema definition language** for configuration to **increase 30% efficiency** among different platforms.
- Implemented TCPReciever to build **socket connection** between Phillips, Mindray and GE patient monitor's data of vital signs, alarms, and waveforms to acquire data and use HL7toJson program for transforming into **uniformed Json format**.
- Created **ETL** to calculate key indicators and developed visualization metrics.

Technical Intern | Magitech   AUG 2019 – SEP 2019

Tools:
Excel, R, Tableau, SQL

- Developed inventory management logistics to **query 400 GB freight data**.
- Resolved requests for assistance through building **data-driven business decisions** to provide top-notch support for clients in 3 countries, Thailand, Australia, and China.

PROJECTS

Undergrad Researcher | *Prediction of Motor and Cognitive Impairments Using Wearable Accelerometer Data in Persons with Parkinson's Disease*   AUG 2020 – JAN 2021

Tools:
MATLAB, R, Slack, Word, Excel

- Performed **statistical analysis** such as hypothesis testing, regression models, AIC/BIC and correlation studies to quantify risks and find out optimal solutions.

Founder & CEO | Funkie Heart NFT – Energy-Oriented   FEB 2022 – PRESENT

Tools:
AI, HTML, CSS, JavaScript, Cyptos

- Led team to build business models and strategies on the OpenSea market.
- Created a myriad of metadata to sell Blind Box on OpenSea.

Skills

Advanced	Mandarin, R, Python (numpy, pandas), SQL, Tableau, Google Data Studio, JAVA
Intermediate	Power BI, Google Analytics, ArcGIS, HTML, CSS, MATLAB, HL7, JIRA, Hadoop, Git
Novice	Workday, SAS, AWS, .NET, C#, D3, JavaScript, Vega-Lite, MongoDB, Trello, FHIR

CERTIFICATES & AWARDS

MIT MicroMaster Statistics and Data Science	Present
UIUC Data Science Certificate	2022
AT&T Externship Certificate	2020
UW Annual Dean's List & UIUC Dean's List	2018-2021

LEADERSHIP & ACTIVITIES

Strategy Analytic Manager | LipTalk – WeWave   JUN 2021 – DEC 2021

- Analyzed **KPI statistic such as retention rate and user growth** after creating contents on social media, TikTok.
- Invented **BI solutions** to build visualizations and dashboards for Cryptos.

President | Taiwanese Youth Alliance of Pacific Northwest (TYAPN)   APR 2019 – MAY 2020

- Led the team to **80% growth of members** by holding career development events.
- Rated first among the executive board by members by having good interpersonal traits.