

# Yap Wei Ket Ivan

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[ivanwk.github.io/portfolio-website](https://ivanwk.github.io/portfolio-website)

## EDUCATION

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**Queens College, City University of New York**

*Bachelor of Arts in Computer Science*

Queens, NY

GPA: 3.7/4.0

## EXPERIENCE

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### Technical Support

Mar 2022 – Jun 2023

*Techoncol, Inc*

*Jackson Heights, NY*

- Provided technical support for incoming queries related to the system, software, hardware, and network
- Resolved data discrepancies and errors with thoroughness and expedience while performing data entry
- Prevented loss of data and thousands of dollars by troubleshooting a recurring hardware setback in incoming computers from the field
- Cooperated well with representatives, presented technical information to management, and maintained the upkeep of computers and equipment

### Front-End Developer - Intern

Jan 2022 – Mar 2022

*VersaNine, Inc*

*Woodside, NY*

- Developed and maintained code for in-house and client websites primarily using HTML, CSS, JavaScript
- Performed rigorous testing to locate browser defects, improving user experience across all supported web browsers
- Collaborated with user experience designers and other developers to ensure a responsive web design
- Interfaced with clients on a weekly basis, providing technological expertise

## PROJECTS

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### Portfolio Website | *React, HTML, CSS, JavaScript*

- Designed and developed a responsive portfolio website utilizing React, showcasing my experiences and skills
- Incorporated a contact form with an auto mailing system using EmailJS API
- Developed my website to be user friendly to all mobile, tablet, and desktop users

### TMDB Movie Analysis | *Python (pandas, NumPy, Matplotlib)*

- Analyze 5,000 TMDb movies to determine what kind of properties are associated with movies that have high revenues
- Performed data wrangling and data cleaning in Python, using libraries like pandas, NumPy, and Matplotlib to prepare it for analysis
- Applied visualization principles to the data analysis process and explore data visually at multiple levels to find insights and create a compelling story

### Covid-19 Analysis | *Excel, SQL, Tableau*

- Utilized Excel, SQL, Tableau to clean, analyze, and visualize a dataset containing the cases, deaths and vaccinations about Covid-19 from Feb 2020 to Nov 2022
- Used aggregate functions, joins, and CTE to calculate the death percentage, infection rate, and the accumulated vaccinations given in each country

### 8 Week SQL Challenge | *SQL*

- The 8 Week SQL Challenge is created by Danny Ma that provides 8 different scenarios and data sets dedicated to learning SQL
- Topics Covered: Window functions, common table expressions, temporary tables, subqueries, complex table joins, entity relationship diagrams, case when statements, and many more

## TECHNICAL SKILLS

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**Languages:** HTML, CSS, JavaScript, Python, SQL

**Frameworks/Libraries:** React, pandas, NumPy, Matplotlib

**Developer Tools:** Git, VS Code, Tableau, Excel