MAX CHUNG

2B Honours Mathematics – Actuarial Science & Statistics

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Education

University of Waterloo   **September 2023 - Present**
Honours Bachelor Mathematics – Actuarial Science & Statistics   *Waterloo, ON*

Skills

Technical Skills: Proficient in C/C++, Java, JavaScript, Rackets, HTML, CSS, Swift, R, SQL, Shell Scripting
Tools: PowerBI, Tableau, LaTeX, Three.js, Node.js, Bootstrap, Linux, Bash, MS Word, MS Excel(data analysis)
Languages: Proficient in both Mandarin and English, demonstrating professional language skills in diverse settings.
Soft Skills: Time Management, Leadership, Project Management, Collaboration, Multitasking, Problem-solving

Work Experience

Wonderland Group   **September 2024 – December 2024**
Data Analyst   *Taipei, Taiwan*
- Led a team of 3 analysts in data cleaning and developed data centers using AWS Athena and improved data accuracy for portfolio nursery product brands including: Joie Baby, Nuna, Tavo, and Graco
- Improved data accuracy and accessibility by 35% and utilised **PowerBI** to create Business Intelligence Dashboards
- Reduced query processing time by 20% across 10+ reports by designing and implementing an **SQL** view table with custom grouping to streamline data management and enable efficient reporting for stakeholders.
- Developed multiple PowerBI dashboards and reports tailored to different organizational levels, including brand teams, general managers, sales teams, and the CEO, facilitating data-driven decision-making across departments.

Side Project: Translation Automation Tool ⏺
- Developed a website tool to automate the translation process for Magento e-commerce stores, increasing efficiency by over 90% and enabling seamless localization for websites in different regions.
- Integrated Google Translate API to automate the creation and processing of translation folders, supporting multiple languages simultaneously and minimizing manual effort.
- Reduced manual translation efforts by 80%, saving an estimated 20+ hours per project, while incorporating a feature to save translation history for future edits and ensuring compatibility with multiple file formats, including JSON and XML.

Accel Tutoring   **November 2022 – May 2023**
Tutor   *Taichung, Taiwan*
- Helped 15+ students achieve a 20% average grade improvement in AP Computer Science, Physics, and Calculus through personalized tutoring, targeted teaching strategies, and regular progress assessments
- Designed individualized learning plans and targeted support strategies ensuring measurable academic improvements

Projects

Personal Portfolio Website | *HTML, CSS, JavaScript, Bootstrap* ⏺   **June 2024**
- Created a portfolio website using **HTML5**, **CSS3**, and **JavaScript** that incorporates responsive web design principles
- Designed and implemented a minimalist, user-focused interface with clean layouts and intuitive navigation, optimizing responsiveness and accessibility to enhance usability, performance, and satisfaction across devices.

SpeedType Test Application | *Python* ⏺   **May 2024**
- Developed a **Python**-based Speed Typing Test app with an interactive interface to track typing speed and accuracy
- Utilized LayoutEditor to create a user interface that allows seamless integration across different scenes

3D Interactive Portfolio | *Three.js* ⏺   **October 2024**
- Implemented a 3D interactive portfolio using Three.js, showcasing dynamic user interactions to enhance user experience
- Designed and integrated 3D models with realistic lighting and precise camera controls to create an immersive interface.

Leadership & Extracurricular Activities

University of Waterloo Taiwanese Student Society   **Spring 2024 – Present**
President   *Waterloo, ON*
- Coordinated regular meetings and actively collaborated with various clubs to enhance event impact and outreach
- Facilitated interactive workshops and seminars and led successful fundraising initiatives to support organizational goals