Brian Le

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Education

Maharishi International University   **Iowa, United States**
Master of Science in Computer Science - CGPA: 3.94   *Graduation Date, Dec 2026*
Key courses: Algorithms, Advanced Software Development, Cloud Computing, Software Architecture.

Ho Chi Minh City University of Technology   **Ho Chi Minh, Vietnam**
Bachelor of Engineering in Electrical and Electronics - CGPA: 3.3   *Graduation Date, Sep 2022*

Work Experience

CyberLogitec   **Ho Chi Minh, Vietnam**
Software Developer   *Oct 2022 – April 2024*

- Migrated **13** IBM **Cognos** packages to Google **Looker**, reducing maintenance costs by **15%** and positively impacting over **300** global users.
- Collaborated with **cross-functional teams** to integrate geolocation hierarchies into multiple **Explores** using **LookML** and **SQL**, increasing regional data utilization by **12%** and improving analysis capabilities for over **200** team members worldwide.
- Worked closely with **Data Engineers** and the **Product Owner** using **Google BigQuery** and **SQL** to migrate complex aggregation functions, increasing data accuracy by **15%**.
- Developed **30+** reports and dashboards using **LookML** and **SQL**, enhancing business intelligence insights and improving report generation speed by **18%** for over **150** active users.
- Automated testing for **LookML** models using **Python** and Looker **API**, reducing manual validation time by **20%**, enabling faster **deployment** cycles, and improving the code review process for **5** development teams.
- Optimized **LookML** models and queries with **SQL** improvements and **persistent derived tables**, boosting query efficiency by **15%** and reducing daily processing time.

Intel Products Vietnam Co., Ltd   **Ho Chi Minh, Vietnam**
Software Developer Intern   *Oct 2021 – April 2022*

- Conducted data analysis using **Pandas** and **Matplotlib**, improving yield by **5%** and decreasing the Retest rate by **7%**.
- Built **2 weekly** and **1 monthly** dashboards using **Matplotlib** and **Seaborn**, providing insights that enhanced decision-making for the team and improved monitoring of key product health indicators.

Projects

Car Rental System | *Front-end* | *Back-end*   **ReactJS** | **SpringBoot** | **Docker** | **AWS**

* Developed a **Full-Stack** web application to streamline the vehicle rental process for both customers and administrators with **Spring Boot** for back-end a user-friendly **ReactJS** interface. Leveraging **Github Action, Docker** for **CI/CD** and **hosting** the app as an **EC2 instance** and **S3 Bucket** on **AWS** for serverless deployment.

Framework Development | *Source Code*   **Java** | **Swing** | **Design Pattern**

* Developed a reusable **framework** for two main applications: a banking system and a credit card processing system, utilizing design patterns such as: **Command, Singleton, Strategy, Abstract Factory, Template Method, Facade, and Observer**.

Mentorship

* **Graduate Teaching Assistant:** Provided tutoring and troubleshooting for students.

Certificates

* **AWS Certified Cloud Practitioner (CLF-C02) - Issued 12/2024**
* **Oracle Certified Associate, Java SE 8 Programmer (OCA 1Z0-808) - Issued 12/2024**

Technical Skills

Languages: Python, Java, TypeScript, HTML5, CSS.
Developer Tools: Jira, VS Code, IntelliJ, Postman, Swagger, Docker, AWS, Google BigQuery.
Libraries/Frameworks: Agile/Scrum, ReactJS, Spring Boot, Pandas, Matplotlib, Seaborn.