

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.
- Looker Trainer:** Developed training program for new hires.

Certificates

- 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.