MICHAEL NGUYEN

Phone: (360) 584-7924
Email: michaelnguy98@gmail.com
Website: https://michaelnguyen.dev
GitHub: https://github.com/michaelnguy98

SKILLS

LANGUAGES: JavaScript, HTML, CSS, Python, Java
TOOLS: React, Node.js, MongoDB, Spark, Hive, REST APIs, Git

EXPERIENCE

ASSOCIATE DATA ENGINEER

Cognizant | June 2021 — Present
- Reduced pre-landing processing time of MetLife Global Party Manager more than 25% by migrating Informatica processes to Big Data processing (Spark and Hive).
- Configured Hive tables for hundreds of thousands of entries from multiple System of Records for streamlined data processing.
- Ensured data quality of incoming records by integrating validation logic to data flow.

SOFTWARE DEVELOPMENT INTERN

Bentley Systems | June 2019 — Sept. 2019
- Reduced processing time of search engine more than 50% for employees by utilizing Apache Solr and RabbitMQ.
- Implemented access control for search engine, ensuring security of outputs.
- Ensured 100% compliance with requirements through QA user testing and Azure DevOps Pipeline + Scorecard system.

WEBSITE MANAGER

University of Washington Shotokan Karate Club | Sept. 2017 — Sept. 2018
- Revamped UI/UX of static website with WordPress and HTML, improving overall student experience.
- Created wireframes to communicate effectively with clients about frontend design.
- Communicated upcoming events and updates through website for incoming students and current members.

PROJECTS

REACT TRIVIA

Animated Trivia Game | Jan. 2022 — Feb. 2022
- Implemented accessible and responsive frontend using React framework.
- Generated continuous randomized questions using Open Trivia DB API.
- Utilized Framer Motion library to implement animations in React.

EDUCATION

UNIVERSITY OF WASHINGTON (SEATTLE, WA)

B.S. Computer Science, Minor in Mathematics | Sept. 2016 — Dec. 2020
- Cumulative GPA: 3.66