MICHAEL NGUYEN

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SKILLS

Languages: JavaScript, HTML, CSS, Python, Java
Tools: React, Node.js, Spark, Hadoop, Git

EXPERIENCE

Associate Data Engineer

Cognizant (June 2021 — Present)
- Initiated Big Data migration of MetLife Global Party Manager and reduced pre-landing processing time by 25%.
- Configured Hive tables for millions of entries from multiple System of Records.
- Automated validation in data flow for millions of entries to ensure data quality.

Software Development Intern

Bentley Systems (June 2019 — Sept. 2019)
- Implemented dynamic configurations in search engine and reduced search times by 80%.
- Automated testing and quality assurance with Azure DevOps Pipeline and Scorecard to ensure product met required specs.
- Implemented logging system to ensure proper integration of front-end and back-end components.

PROJECTS

Viewport

Synchronized Viewing Platform (May 2020 — Sept. 2020)
- Allowed users to synchronously view videos with React web app.
- Implemented interactive front-end and responsive UI with Material-UI and CSS.
- Utilized HTTP requests with Axios.js to allow front-end to fetch and display data from back-end REST API.

Neural Net Visualizations

Data Visualization Website (Feb. 2020 — Mar. 2020)
- Educated users with image classification website utilizing D3.js to visualize convolutional neural networks.
- Set up GitHub pull request review requirements to encourage collaboration between codevelopers.
- Scheduled tasks and timeline to ensure product released on deadline.

EDUCATION

University of Washington – *Seattle, WA*

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