Brian Yao

Contact: (732)-910-9866 | byao.dev@gmail.com   **Portfolio**: https://brian-yao.com | github.com/brian-yao

Authorized to work in the US for any employer, without need of sponsorship or visa

EDUCATION

Kean University	**Union, NJ**
M.S. Computer Science	*September 2018 - May 2020*

- Algorithms, Database Design and Development, Data Mining and ML, Computer Security

Rutgers University	**New Brunswick, NJ**
B.S. Exercise Science	*September 2014 - May 2018*

- *Computer Science Minor*: Data Structures, Discrete Structures, Computer Architecture, Operating Systems

WORK EXPERIENCE

PayPal Inc.	**Remote**
JavaScript Developer	*February 2022 - Present*

- Assisted with maintaining internal library for Internationalization and Localization used by hundreds of applications throughout the company.
- Helped to track and resolve critical bugs blocking major business pipelines and project releases.
- Provided support for implementation and version update of applications utilizing i18n library.
- Released optimizations that reduced the size and latency of metadata generated by our library.
- Worked on React web application used to demonstrate i18n core library features, including converting currency type, date type, address format, and number type depending on the input country and language.

Freelance Developer and Tutor	**Web / Online**
Self-employed	*September 2021 – January 2022*

- Tutored various programming concepts and languages, such as basics of JavaScript, data structures, web development, etc on wyzant.com
- Built out SPAs and fullstack applications for clients using React, MongoDB, Express, and Node on codementor.io

Merchandising Assistant	**Edison, NJ**
99 Ranch	*October 2020 – September 2021*

- Perform routine analysis of merchandise sold and bought by the store, knowledgeable about the supply and demand of specific goods among a catalog of over 10,000 items.
- Utilize SAP enterprise software to perform data entry, data cleaning, and various other tasks on a daily basis.

Data Science Co-op	**Philadelphia, PA**
Comcast NBCUniversal	*June 2019 – November 2019*

- Built two predictive models from scratch using Python and Spark and implemented them into live production using UC4 automation software. The first model predicted customers likely to upgrade their video tier, and the second model predicted customers that were likely to use their own mobile device when adding a new line.
- Conducted feature engineering using Hive SQL and Teradata to extract valuable insights from raw data.

TECHNICAL SKILLS

- Programming Languages: JavaScript, Python, Golang
- Web Development: HTML5, CSS3, PHP, Node.js
- Frameworks / Libraries: React, React-Redux, Sass, jQuery, Express
- Other: Webpack, GraphQL, Unix, SQL Databases, Git, Jenkins CICD
- Certifications: AWS Cloud Practitioner

PERSONAL PROJECTS

React Movie List – https://brian-movie-app.netlify.app/

- Movie list app built using React.js Data is fetched from the Movie Database API. Displays a list of recent popular movies and on hover, displays brief synopsis of the movie.

React Video Game Hub – https://brian-react-gaming.netlify.app/

- This app allows users to view upcoming, popular, and newly released video games. Manages global state using Redux and dynamically creates page routes using React Router v5. Redux-thunk middleware is used to handle async API calls.