AKEEM NICHOLAS

Software Engineer

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SKILLS

Technical:	React, Redux, JavaScript, Python, HTML, CSS, Ruby on Rails, Express.js, Node.js, MongoDB, SQL, Mongoose, R Studio, PostgreSQL, jQuery, Git, VBA, Visual Studio
Languages:	Conversational Japanese, Elementary Cantonese

PROJECTS

Aにmezon (PostgreSQL, Ruby on Rails, React, Redux)   Live | GitHub

Aにmezon is an online marketplace inspired by Amazon and my love of Japanese anime.
- Designed a search algorithm that allows users to filter search results by different product categories while mitigating N+1 queries to the SQL database and improving runtime
- Handled data validations on the frontend using the React component state to ensure the backend APIs only received viable information, safeguarding against unnecessary asynchronous calls that would slow down the user experience
- Curated profile pages with the help of Ruby on Rails' Application Record and database associations, allowing users to edit their account/login information, view all of their authored reviews, and change language settings

dinder (MongoDB, Express.js, React, Node.js)   Live | GitHub

dinder is a restaurant matchmaking site that marks the end of group decision paralysis.
- Applied CSS best practices to transformations, absolute positioning, and other styling techniques to create cards that have a swipe away animation when a choice is made
- Managed the integration of the Yelp API to dynamically produce restaurant options based on user input

Daoko Live!! (Javascript, Canvas, Web Audio API)   Live | GitHub

Daoko Live!! is a rhythm game created with vanilla JavaScript and HTML5 canvas.
- Automated the beat mapping process based on audio frequency data so songs can generate their own unique patterns
- Implemented responsive Canvas elements that can register and react to hit and missed beats

EXPERIENCE

Gelfand, Rennert, & Feldman, LLC   June 2018 - Nov 2019
Royalty Analyst
- Developed VBA Macros in Excel to automate standard procedures, quadrupling daily output and increasing productivity for the entire team
- Analyzed royalty statement data to verify contract compliance for music and merchandising agreements

NBCUniversal   Sept 2017 - May 2018
Tax Accounting Intern
- Identified and explained variances between Budgets and Actuals as it relates to quarter closing and year-end financial statements
- Utilized Command Prompt to organize 1000+ tax documents to improve digital storage

EDUCATION

App Academy (*New York, NY*)   Nov 2019 - Mar 2020
Intensive, 16-week Software Engineering Bootcamp with a focus on Web Development

New York University (*New York, NY*)   Sept 2014 - May 2018
BA in Economic Theory (Minor in Business Studies) - GPA 3.68