BREANNA HO | SOFTWARE ENGINEER

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SUMMARY

Full-stack software engineer adept at utilizing JavaScript for front-end and back-end programming. Proficient in React, HTML, CSS, API implementation, Node.js, Express, PostgreSQL, and frameworks like Bootstrap. Motivated by a diverse background in creative, production and project management, currently pursuing full stack development through a software engineering immersive program, harnessing a strong work ethic and an innovative drive to deliver high-quality solutions in technology.

TECHNICAL SKILLS

Front End: HTML, CSS, JavaScript, React, jQuery
Back End: Node.js, Express, RESTful APIs, PostgreSQL
Tools: Mocha, Chai, Knex, Git, GitHub, Heroku, Node Package Manager, Visual Studio Code
Skills: Project Management, Cross-Functional Collaboration, Efficient Workflow Processes, Digital Assets Management, Budgeting and Invoicing

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SOFTWARE ENGINEERING PROJECTS

Recipe Tracker Application | Thinkful | [Link](#)   10/2023
- Built a React application to allow saving recipe information.
- Implemented the single responsibility principle with React components.
- Technology: React, HTML5, CSS, Bootstrap

Movie Database Application | Thinkful | [Link](#)   12/2023
- Assembled the back end of a movie website allowing any user to search for their favorite movies.
- Used CRUD methods for reviews, and view theaters and movies that are showing.
- Applied router and controller functions to retrieve a user's specific requests.
- Technology: Node.js, Express, and Knex. Version control with Git.

Restaurant Reservation Application | Thinkful | [Link](#)   01/2024
- Developed a full-stack reservation and table management system, utilizing React Router and Express to build a RESTful API for seamless HTTP requests to a PostgreSQL database.
- Implemented CRUD functions and utilized knex queries to efficiently handle data interactions with the database.
- Leveraged Git for version control, ensuring secure management of changes and preventing sensitive information from being pushed to repositories.
- Technology: React, Node.js, Express, Knex and PostgreSQL.

PROFESSIONAL EXPERIENCE

Urban Outfitters   Philadelphia, PA
Junior Producer   01/2022 – 06/2023
- Oversaw end-to-end production of E-commerce photoshoots, focusing on project management and efficient workflows.
- Assisted in long-term creative shoot production, emphasizing teamwork and communication.
- Managed invoicing and budgeting for photo studio production.
- Streamlined e-commerce photography processes for maximum efficiency.

Women's Photographer   04/2018 – 01/2022
- Collaborated with the creative team to align with the Urban Outfitters aesthetic.
- Directed Digi-Techs for post-production adjustments.
- Managed studio equipment and organization.

Hudson's Bay Company   Wilkes Barre, PA
Photographer   02/2017 – 03/2018

- Produced e-commerce imagery for HBC banners, including Lord & Taylor and Saks Fifth Ave.
- Managed creative lighting setups and studio organization.
- Organized and archived content in Digital Assets Management.

Trunk Club   Chicago, IL
Lead Photographer   09/2014 – 01/2017
- Created high-standard e-commerce imagery.
- Managed creative lighting setups and post production.
- Collaborated on marketing ads, brand initiatives, and content.
- Organized and archived content in Digital Assets Management.

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EDUCATION

Thinkful   Online
Certificate, Software Engineering Program   01/2024
- Acquired comprehensive knowledge of industry best practices and software development standards, focusing on JavaScript, HTML5, CSS3, React Native, Node.js, PostgreSQL, RESTful APIs, algorithms, and data structures.
- Demonstrated growth by successfully developing and launching mobile-first applications, actively engaging with senior web developers in a mentor-student relationship to expand language proficiency and framework expertise.

Google   Online
Certificate, Project Management   11/2022
- Acquired expertise in project management methodologies and best practices.

Columbia College Chicago   Chicago, IL
B.A., Photography   05/2014