SANG NGUYEN

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EDUCATION

New Jersey Institute of Technology   Sept. 2015 – May 2020
Bachelor of Science Computer Science 2020
Minor in Applied Mathematics

SKILLS

PROGRAMMING LANGUAGES/APIS: JSX, Javascript, JSON, HTML5, CSS3, HTTP/AJAX/FETCH/AXIOS, RESTful, Java, Python, C++, ES6
LIBRARIES/FRAMEWORKS: React.js, Node.js, .LESS, Vue.js, Electron.js, Express, Spring Boot, Redux
CONCEPTUAL: Front-End Development, Responsive Design, Full-Stack Development, Product Design, UI/UX Design, Project Architecture, Data Structures & Algorithms, Database Design & Management, Branch Management, Agile Methods, Scrum
TOOLS: NPM, Github, git, Webpack, Google Firebase, Trello, AdobeXD, Figma, Zeplin, Clubhouse, Amazon Web Services, Babel

EMPLOYMENT

Knowt · *Software Developer* · Lewes, Delaware   Aug. 2019 – Present
- Implement question types for quizzes and answer validation algorithms
- Style UI and interactive dashboards to fit mockups and user flow using CSS, Javascript, and Material-UI
- Implement a PDF reader with zooming abilities and scrollable pagination with React-PDF
- Develop an notification system to communicate to users, using React's Context API
- Perform deep retrospective analyses, extract key insights from clients to upgrade the product
- Create HTML email templates with universal compatibility for all email clients
- Participate in the development process through software lifecycle under agile methodology
- Actively contribute to team standards and engage in collaborative professional culture with technical and non-technical counterparts

jordangrossphotography.com · *Web Developer*   July 2020 – Dec. 2020
- Collaborated with client to design mockups per client vision using Figma
- Designed calendar and carousel component from scratch to fit mockup and conceived functions
- Developed a maintainable and scalable way to organize and display a photographer's portfolio using CSS Flex
- Implemented a booking system where users can book photo sessions with the photographer through a form and email notifications using EmailJS
- Integrated Google Firebase's Realtime Database to store and read booked dates
- Adhered to responsiveness requirements on all browsers and devices
- Optimized web application through code refactoring and image compression and rescaling with GIMP

PROJECTS

Portfolio Website II   Jan. 2020 – June 2020
A complete recreation of my initial portfolio website with newer designs and technologies.

Capstone Project   Sept. 2019 – Dec. 2019
A project for a start-up called Thought4Thought where I served as a Frontend Developer, and developed the layouts used in the web application.

Portfolio Website   Apr. 2019 – May 2019
A personal web page cleanly exhibiting all of my projects in a sleek design.

Pong Game   Apr. 2019 – May 2019
My recreation of the classic game Pong, in which two players hit a projectile towards each other with the intention of having the projectile pass the other player.