Justin Kim

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Skills

Programming & Scripting Languages
> HTML, CSS, JavaScript, JSX, PHP, Java, Python, C++, SQL, XML, JSON

Frameworks & Libraries
> React.js, Redux, Sass, jQuery, Jest, Express, AngularJS, Bootstrap, Java Media Framework, pandas, NumPy

Applications, Databases, Software, Services, Tools, etc.
> Node.js, Heroku, Firebase, Enzyme, Adobe Creative Suite, Figma, Affinity Designer, Chrome DevTools, GitHub/Git, MySQL, NoSQL, EC2, S3, DynamoDB, Microsoft Office Suite, QGIS

Certifications
> W3Schools Front End Developer, React Developer (Udemy)

Projects

Expensify Application | November 2020 - January 2021
- Developed a personal finance tracking web application using JSX/ React.js framework, HTML, CSS/ Sass, and Redux
- Created test suites for each component using Jest
- Launched the application using GitHub and Heroku
- Setup production builds and server using Firebase

ACTION ATM Application | March 2019 - May 2019
University of Maryland Global Campus
- Developed a Java-based Automated Teller Machine with industry-level properties, OWASP security measures and multiple language options using Java, PHP, XML, and Adobe Illustrator
- Designed and coded the user interface with a strong emphasis on user experience, design aesthetics and practicality
- Drafted a UML class diagram, helped create XML entities for the user interface and backend data access layers, and collaborative wrote the project documentation

Experience

Web Developer, UI/UX Designer | December 2019 - Present
Freelance, Self
- Consult clients and offer various layout options and design strategies to best optimize session length using Google Analytics Dashboard based on their business needs
- Draft layouts using Adobe Create Suite & Figma, including color schemas, component designs, and other elements
- Build and maintain secure, static and dynamic websites using industry-standard methods

Senior Teacher | November 2017 - August 2018
Panda Programmer - Montgomery County, MD
- Administered a 2 hour after-school program teaching rudimentary computer science concepts to MCPS elementary school students on Scratch, Python, and Makebots
- Taught students how to apply leadership, teamwork, mathematics, technical problem solving, and creativity into their projects
- Periodically upgraded the curriculum with other lead teachers and owner and discussed improvements to the business

Analyst Intern | June 2018 - August 2018
U.S. Energy Information Administration - Washington, DC
- Developed libraries and scripts for tracking active fires, calculating its proximity to energy infrastructures and mapping them using Python, pandas, NumPy, XML, and QGIS
- Developed searching and sorting algorithms to find prices and quantities of petroleum-based fuels and organize the data in consolidated data frames on Python, PHP, and XML
- Optimized and debugged existing Python code used for generating CSV files of monthly shipment receipts for crude oil transported by rail
- Researched and analyzed nameplate capacities of global liquefaction plants for EIA's online article on European LNG market trends
- Published Article: https://www.eia.gov/todayinenergy/detail.php?id=37354

Education

University of Maryland Global Campus | January 2018 - December 2019
Bachelor of Science - Computer Science
> Alpha Sigma Lambda, Tau Chapter | Upsilon Pi Epsilon, Kappa Chapter
> Prestigious Endowment 50th Anniversary Undergraduate Scholarship

Montgomery College | August 2016 - December 2017
Associate of Arts - General Studies STEM-Mathematics

Drexel University | September 2013 - June 2014