

Justin D. Kim

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Summary

Dynamic front-end React developer and UI/UX designer with a proclivity for advancing in both the workplace and classroom pursuing a career in front end web development.

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

Scholarships: Prestigious Endowment 50th Anniversary Undergraduate Scholarship

Montgomery College

August 2016 – December 2017

Associate of Arts- General Studies in STEM

Internships

Intern Analyst

June 2018 – August 2018

U.S. Energy Information Administration

Washington, DC

- Developed Python libraries for tracking active fires, calculating its proximity to energy infrastructures and mapping them using QGIS
- Developed searching and sorting algorithms to find prices and quantities of petroleum-based fuels and organize the data in consolidated data frames
- Optimize, parallelize and debugged Python code used for creating CSV files of monthly shipment receipts for crude oil transported by rail
- Researched and analyzed nameplate capacities of global liquification plants for EIA's online article on European LNG market trends

Published Article: <https://www.eia.gov/todayinenergy/detail.php?id=37354>

School Projects

Developer, UI/UX Designer

March 2019 – May 2019

University of Maryland Global Campus

- Developed a virtual Automated Teller Machine (ATM) application with cutting-edge properties, reliable security measures and multiple language options
- Design 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 UI layer and the backend data access layer and collaboratively wrote the project documentation

Work Experience

Operations Manager, Head Barista

July 2017 – January 2020

Coffee Republic

Rockville, MD

- Increased average sales by 20% within the first 6 months of promotion
- Oversee financial success of the store through business to business marketing strategies, product promotions, building strong customer relations, and directing special events
- Certify, train, and lead staff through various workshops
- Apply business analysis skills to develop profit margins and minimize cost of operation

Skills

Programming/Scripting Languages

- HTML, CSS, JavaScript, JSX, PHP, Java, Python, C++, SQL, XML, JSON

Frameworks/Libraries

- React, Sass, AngularJS, Bootstrap, Java Media Framework

Operating Systems

- Windows 7/8.1/10, iOS, UNIX (Ubuntu)

Applications/Databases/Software/Services/Tools

- Visual Studio Code, Chrome DevTools, GitHub/Git, Apache Subversion, MySQL, NoSQL, AWS (EC2, S3, DynamoDB), Microsoft (Office, Excel, PowerPoint), Creo Parametric