Bernie Zhong

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Education

Undergraduate at the University of Maryland   *College Park, MD*
Bachelor of Science, Information Science   *May 2021*
- Relevant coursework: Introduction to Probability Theory, Linear Algebra, Introduction to Information Science
- Coding Courses: Introduction to Python, Intermediate Python, Databases, Web Development Bootcamp, Object Oriented Programming, Introduction to C++

Skills

Programming Languages: HTML/CSS | JavaScript | TypeScript | Python | SQL

Technologies: Node.js | Express | Docker | MongoDB | Ajax | React | Angular | Pandas | MatplotLib

Experience

Capital One Developer Academy   *Capital One, VA*
CODA Instructor   Sept *2021-Current*
- Enhanced instructional material to match features and functions to the learning needs of over 100 students, to create a comfortable learning environment for front/back-end development
- Provided instructional guidance to a group of developers to monitor the overall success of the CODA curriculum, while providing one on one support to aid any additional curriculum topics

UMD Web Development   *College Park, MD*
Academic Peer Mentoring   *Jan 2021-May 2021*
- Managed a team of web developers and improved their HTML, CSS, and JavaScript skills while answering any technical issues or misunderstanding of code
- Improved course content to help students better understand web development, while ensuring the course contains relevant and up to date information

AERT Website Development   *College Park, MD*
Front End Developer   *Jan 2021-May 2021*
- Designed and programmed a website for the Atmospheric Electricity Research and Training (AERT) using HTML, CSS, JavaScript, and Google Map Platform APIs to read fetch and display lightning data
- Planned weekly client meetings to discuss the design and interface of the website, and any improvements needed to develop a functional and asthenic website

Programming Projects

Netflix Clone
Netflix
- Utilized React.js to recreate the Netflix homepage using the Firebase platform to display our web application
- Incorporated API calls from TMDB (The Movie Database) to display recent Netflix shows and movies with clickable trailers

Personal Portfolio
Portfolio
- Programmed a personal portfolio to showcase my work experience, projects, and contact information using HTML, CSS, and JavaScript
- Implemented a full-stack web app using HTML,CSS, and JavaScript to highlight my personal interests, along with additional information about my career path

UMD Schedule Search
UMD Schedule Builder Review
- Programmed a web page using the API from UMD.io and PlanetTerp to compile reviews of professors, and course descriptions to allow students a better understanding of what to expect throughout the course
- Implemented the programming using HTML, CSS, and JavaScript to create an all-in-one website compared to having PlanetTerp along with UMD's database open

Certificates

Web Development Project Certificate 2021:   Apr 2021
- Emerge Simon Fraser University