Thuc Phan

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Education

University of California, San Diego
· Bachelor of Science in Computer Science
  March 2021, GPA 3.30

San Diego Community College
· Computer Science, GPA 3.79

Skills

Languages
· Java, C++, C, Swift, Python, HTML, CSS,
  JavaScript, ARM

Tools and technologies
· Git, ReactJS, Oracle SQL, Google Firebase,
  Unix, Eclipse, VS Code, Microsoft Azure

Work Experience

Tata Consultancy Services   Sep 2021 – Current
Software Engineer

· Constructed a dynamic web page with the ability to view, insert, edit, and remove data from
  the database using HTML, CSS, JavaScript, Java, and Oracle SQL.
· Using Oracle SQL, designed and constructed an Oracle SQL database, and integrated it
  with Oracle JDBC to perform basic CRUD operations.
· Wrote code to parse, format and display data of a web application with Java and JavaScript.

Projects

Choose For Me Java   Feb 2023 – Current
· A dynamic web application being designed and developed using JSP and Java Servlets.
· The application calls on the Search Businesses Yelp API to display nearby restaurants
  based on specific parameters such as price, category, etc. and chooses one randomly from
  the list.

Spicy Mafia ReactJS   Sep 2019 – Dec 2019
· Based on the classic party game, Mafia is a web game that allows players to connect
  individually on their own devices while promoting social interaction.
· In a team of ten people, designed and implemented with ReactJS as the frontend and
  Django as the backend.
· Worked closely with ReactJS in designing the entire user interface of the game with an
  emphasis on mobile gameplay.

Huffman Coding Tree C++   May 2019 – Jun 2019
· Developed a program that allows for the compression and decompression of different types
  of files.
· The program takes the specific numerical encodings of each letter and outputs a string of
  the encoding into the header of a new compressed file.
· The program is also able to decode the file by reading the encoding in the header and
  convert it back into the original.