ROBERT Y. HU

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CAREER GOALS

Seeking a challenging career that provides me the opportunity to utilize my technical abilities and expand my skills in the IT field

LANGUAGES AND TECHNOLOGIES

- Java 8, Python 3, C/C++, Bash, JavaScript 1.7, HTML5
- SQL/Psql, PostgreSQL 11, MySQL 5.5
- Windows 10, Unix, Ubuntu 18
- Scrum and Agile Techniques, Visual Studio 2017

EDUCATION

Bachelor of Science in Computer Science   **University of California, Santa Cruz GPA 3.15**

- Notable Courses:
    - Algorithm Analysis
    - Computational Models
    - Database Systems
    - Software Engineering
    - Artificial Intelligence
    - Advanced Programming

TECHNICAL EXPERIENCE

PROJECTS

- Better Bookmarks
    - Used HTML and JavaScript to create and manipulate webpage data. Analyzed and sorted the data into a machine learning model. Used the machine model to predict end user behaviors.   Python 3, TensorFlow, HTML, JavaScript

- HTTP Web Server
    - Created a HTTP Web Server that processed user requests and sent back the responses. Used TCP/IP sockets and networking communication protocols. Accomplished socket handling, multithreading, and buffer manipulation.   C/C++, TCP/IP, Ubuntu 18

- Database Query and Updater
    - Designed and developed an online restaurant order system. Used the PostgreSQL as the backend database. Designed the database schema and created the queries to insert and retrieve data. Participated in developing the GUI to present the data using Java 8.
                        SQL, Postgres/Psql, Java 8, Ubuntu 18

OTHER

- Ability to work independently or as a team. Good communication skills.
- Organized and efficient
- US Citizenship