Enhua Cui

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EDUCATION

UC RIVERSIDE
BS in Computer Science
Riverside, CA

LINKS

Github:// **eunc**
LinkedIn:// **eunc**

COURSEWORK

UNDERGRADUATE
Software Construction
Data Structures
Unix System Administration
Artificial Intelligence
Machine Learning
Compiler Design
Information Retrieval
Database Management

SKILLS

EXPERIENCED:
Python • C++ • Unix

PROFICIENT:
CSS • Javascript • Java • C • React •
PostgreSQL

FAMILIAR:
Bash • Angular

EXPERIENCE

MINDTAPP | Full Stack Developer
May 2019 - October 2019 | UC Riverside
- Designed frontend using React framework and bootstrap.
- Implemented a backend in combination with firebase to analyze data.

PROJECTS

ROBOT CAR
- Created a deep reinforcement learning environment for the robot to recognize obstacles.
- Used A* to get robot to destination.
- Mapped out surrounding environments using SLAM.

TYPRANT
- A website that teaches typing to kids, and turns typing into an easy to approach game.
- Designed UI of website, and worked primarily on the front end.

PATHFINDER
- Implemented a pathfinding program to navigate a car to its destination through traffic.
- Built using C++ and Dijkstra's algorithm.
- Used SFML to visualize the movements of the car and the traffic.

BINARY CLOCK
- Handmade binary clock using an Arduino and C++.
- Created at a hackathon over a 12 hour period.

PLAYLIST TRANSFER
- Created an app using Google, Youtube, and Spotify API's to transfer a playlist over from one playlist to another.

ACTIVITIES

NASA SWARMATHON
- Focus on robotics and pathfinding.
- Participate in development of a robot with an assigned team.

ASSOCIATION FOR COMPUTING MACHINERY
- Collaborate on projects within the club.
- Join mentorship programs, workshops and hackathons.

UNDERGRADUATE RESEARCH CLUB
- Pursue and learn about new research opportunities.
- Network in events joined by professors and graduate students.

VOLUNTEER

LOVE OF LIGHT MISSION CHURCH
- Helped the elderly learn how to use their technological devices.
- Designed a course with other volunteers to help smooth the learning curve.