

# Enhua Cui

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## EDUCATION

### PASADENA CITY COLLEGE

COMPUTER INFORMATION SYSTEMS  
Pasadena, CA

### UC RIVERSIDE

BS IN COMPUTER SCIENCE  
Expected 2020 | Riverside, CA

## LINKS

Github:// [eunc](#)  
LinkedIn:// [eunc](#)

## COURSEWORK

### UNDERGRADUATE

Discrete Structures  
Software Construction  
Data Structures

## SKILLS

### PROGRAMMING

Experienced:

Python • C++ • Unix

Proficient:

CSS • Javascript • Assembly

Familiar:

C • C++ • iOS • Android

## EXPERIENCE

### GENIUS EDUCATION | TEACHER

May 2017 - Aug 2017 | Beijing

- Taught kindergarten, and elementary students English
- Designed and adapted curriculum to suit the needs of the students.
- Collaborated with teachers to improve course plan.

## PROJECTS

### PATHFINDER

- Designed a pathfinding program to navigate a car to it's destination through traffic.
- Built using C++ and Dijkstra's algorithm.
- Used SFML to visualize status and movement of car.

### PLAYLIST TRANSFER

- App built using Google, Youtube, and Spotify API's to transfer a playlist over from a respective playlist to the other.
- Planned addition for Apple Music.

### BINARY CLOCK

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

## ACTIVITIES

### NASA SWARMATHON

- Focus on robotics and pathfinding.
- Participate in development of robots with a group of peers.

### ASSOCIATION FOR COMPUTING MACHINERY

- Collaborate in projects within 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.