

# PAO YANG

23852 W HWY 62 Summers, AR  
479-228-7931  
paoyang14@gmail.com

## SUMMARY

---

Passionate, highly-motivated, and determined undergraduate majoring in Computer Engineering seeking a job or internship in field of study to gain experience.

## EDUCATION

**Bachelor of Science in Computer Engineering | University of Arkansas**

AUGUST 2016 – EXPECTED: MAY 2020

## EXPERIENCE

**Research Assistant – University of Arkansas**

SPRING 2019 – PRESENT

- Collaborated with multiple team members to develop schematics and layouts in Cadence.
- Analyzed data waveforms and collected information on how to improve the schematics for the correct timing requirement.
- Performed Design Rule Check and Layout Versus Schematics on layouts in Cadence,

## PROJECTS

**Designing Tower**

FALL 2016

- Collaborated with a 3-person team to design and build a structurally sound tower.
- Designed different schematics that would achieve the ideal tower.
- Placed 10<sup>th</sup> out of the student course.

**Mario Implementation**

FALL 2018

- Implemented the game in Java, Python and JavaScript combined with HTML.
- Expanded the development of the game into a two-person multiplayer game.

**Design and Implementation of Microcontroller**

FALL 2018

- Designed the microcontroller in ModelSim using Verilog.
- Analyzed the data waveforms by using a time analysis software to improve the performance of future implementations of the microcontroller.

## COMPUTER LANGUAGES & SKILLS

- Java, C++, Python, HTML, Verilog, VHDL, JavaScript, SQL
- Experience in Microsoft Office Suite, Cadence, ModelSim, Design Vision