

## Education

### University of Arkansas, College of Engineering

Fayetteville, Arkansas

Bachelor of Science in Computer Engineering, Minor in Mathematics

expected May 2021

- **GPA:** 3.76
  - **Relevant Coursework:** Programming Paradigms, Operating Systems, Digital Design, Computer Organization, System Synthesis & Modeling, Software Engineering, Database Management Systems, Embedded Systems, Computer Architecture, Mobile Programming, Computer Security
  - **Study Abroad:** Summer 2018 at the University of Arkansas Rome Center
  - **Awards:** *Magna Cum Laude*, Honors College Fellow, ECAP recipient, Chancellor's List, Dean's List
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## Engineering Project Experience

### System Synthesis and Modeling Microcontroller Project

Fall 2019

- Designed a microcontroller in Verilog composed of various modules to execute logic, arithmetic, and memory operations

### Apartm8's

Fall 2020

- All in one roommate Android application designed to facilitate cohabitation
  - Features include, messaging, chore and grocery list functionality, expense tracking, calendar view, all shared between user defined set of roommates stored on a Firebase server
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## Work Experience

### Centauri

Columbus, Ohio

Technical Intern

June 2020 – August 2020

- Designed RocketTile macro in a RISC-V processor from Synthesis to Signoff steps in a physical implementation flow
- Created timing and power constraints, designed floorplan layout, scripted tcl and yamll files to run flow

### Rancho El Lirio

De Queen, Arkansas

Ranch Hand

July 2013 – August 2018

- Ran maintenance on broiler house machinery and computers
  - Operated tractors in hay bale production
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## Technical Skills

- **Languages:** C, C++, Java, JavaScript, Python, HTML, VHDL, Verilog, TCL, YAML
- **Tools:** Eclipse, Netbeans, Android Studio, Xilinx SDK, Quartus II, ModelSim, Git, Innovus, Genus, Linux

## Soft Skills

- Team leadership
  - Analytical and creative thinking
  - Native English and Spanish speaker, proficient in Italian
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## Campus Involvement

- SILC Language Partner volunteer January 2020 – May 2020
    - Regularly correspond and schedule meeting times with an international student to help progress their English skills, and learn more about culture in the United States
  - Scholarship Committee of Theta Chi Fraternity November 2018 - November 2019
    - Arrange meetings with members of the fraternity to discuss grades, organize schedules, and setup tutoring sessions and study groups
  - Honors College Ambassador September 2017 – May 2019
    - Volunteer for the Honors College by assisting with Honors College sponsored events, and interacting with prospective students
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