

# Luke Miller

417-719-3855 | lukemiller@icloud.com | 2659 N. Club Drive, Fayetteville, AR 72703

## SKILLS SUMMARY

---

- Programming languages: C++, C#, CSS, Cuda, HTML, Java, JavaScript, MIPS Assembly, Python, React/Native, OpenGL, Oracle SQL, XML
- Experienced in After Effects, AWS, Android Studio, Final Cut Pro, GitHub, Google Admin/Apps, Linux Command Line, Photoshop, Premier Pro, Various IDEs

## EDUCATION

---

### Bachelor of Science in Computer Science

University of Arkansas, Fayetteville, AR | GPA 3.6

July 2021

### Computer Information Sciences Certification

Ozark Technical Community College, Springfield, MO | GPA 3.9

December 2018

## COMPUTER SCIENCE PROJECTS

---

### Portfolio Website

- Written in HTML & CSS
- Portfolio website to house info about myself and my projects
- Responsive, minimalist design

Summer 2021

### InventorME

- Written in JavaScript for both mobile and web, utilized AWS for backend
- Cross platform personal inventory application, utilized computer vision and cloud computing to organize/track personal items and create a holistic view of a person's belongings
- Leader of a 7-person team
- Architect of the entire technology stack, implemented the entire backend and syncing systems for accounts, photos, and item data
- Designed all UI/UX elements for both mobile and web

Spring 2021

### 3D Tetris

- Written in C++
- Utilized texture mapping, 3D objects in space, event mapping, and OpenGL to create a 3D game of Tetris

Spring 2021

### GoalE

- Written in Java for Android
- Goal tracking app that generates overall stats for self-set goals
- Final group project for Mobile Programming, analyzed concepts of mobile computing with restricted resources that required creativity to surmount

Fall 2020

### Digital 16 Bit CPU

- Written in VHDL
- Created a digital 16-bit CPU with full adders, and/or gates, MUXs, ALUs, and digital memory
- Input MIPS Assembly instructions

Fall 2019

### Self-Driving Robot

- Written in Python
- Member of a 3-person team tasked with creating an autonomous robot
- Employed a Raspberry Pi, a breadboard, two wheels, and an ultrasonic sensor that detected walls/obstacles, and a self-determining algorithm to decide in which direction to go next

Spring 2017

*More On [GitHub](#)*

## WORK EXPERIENCE

---

### Server, Darden Restaurants, Fayetteville, AR

January 2019 - Present

- Maintained exceptional standards of customer service and efficient workflow during high-volume, fast-paced operations
- Assisted in training new team members on POS systems, effective guest interactions, and efficient workflow strategies

### Shipping Manager, Market Technologies, Nixa, MO

August 2015 – March 2019

- Multiple daily concurrent individual & team-based projects
- Strict deadlines from a myriad of big-name vendors
- Trained new interns on effective strategies that condensed time per project

*More At [lukemiller.me](#)*