

Logan Campbell
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Education

2016 – 2019 University of Arkansas BS in Computer Science
2014 – 2016 North Arkansas College AA in General Studies
2009 – 2013 Berryville High School

Courses

Digital Design | Computer Organization | Operating Systems | Programming Foundations 1 & 2 | Programming Paradigms | Software Engineering | Database Management Systems | Algorithms | Information Security | Combinatorics & Discrete Mathematics | Linear Algebra | Calculus | Probability & Statistics | Computer Aided Design | Applied Cryptography | Formal Language and Compatibility | Cloud Computing | Engineering Graphics |

Skills

The operating systems and platforms: VirtualBox, Windows, Ubuntu, Macintosh, Kali, Apache, Git, Google Cloud, Oracle Database, SSH, and XAMPP.

The different software used throughout the years are Final Cut Pro, Sony Vegas, Adobe Creative Suite, Audacity, AudioMulch, FL Studio, Ableton, Wireshark, AutoCAD, Android Studio, and several text editors and Integrated Development Environments like Atom, Notepad++, NetBeans, Eclipse, Visual Studio, and IntelliJ.

The programming languages learned as an undergraduate are C++, C, Java, Python, PHP, SQL, JavaScript, VHDL, Verilog, Kotlin, and Assembly. During my leisure time the following languages were self-taught: HTML, CSS, Ruby, and Visual Basic.

Work Experience

Server – *Amigos Mexican Restaurant & Cantina* [Jun 2013 – Present] - Eureka Springs, Arkansas

Provided fast, friendly, and good service. Answer and dealt with customer questions and issues. Handled money and tasks. Worked with a team. Bilingual environment. Daily average sales per shift: +\$1,200.00 to \$2,000.00. Working 20 to 25 hours a week as a full-time student. Environment was a tourist town with high volume.

Instructor – *Rhythm House Dance Studio* [Sep 2013 – Jun 2015] – Berryville, Arkansas

Instructed and directed the performing arts. Dealt with classroom management and organization. Encouraged and motivated students. Classrooms of +15 students, choreographed several performances, provided private lessons, and a showcase/recital. I was a part-time instructor, full-time worker, and a full-time student at the time.

Kitchen Worker – *New Delhi Café* [May 2011 – May 2013] – Eureka Springs, Arkansas

Cleaned facility, organized, and restocked items. Provided general help and was a part of the kitchen crew serving in a high-volume location. Working full-time and then part-time once I started college.

Organization/Extracurricular

Volunteer

Hour of Code Volunteer [Dec 2017 – Dec 2018]
Fayetteville, Arkansas

Crew Member

Breaking Habits Crew [Aug 2018 – Present]
Fayetteville, Arkansas

ACM Member

Association of Computing Machinery (ACM) [Aug 2017 – Dec 2018]
University of Arkansas in Fayetteville, Arkansas

Volunteer

Fishes and Loaves Food Bank [Aug 2009 – May 2014]
Berryville, Arkansas

Projects

Personal Website

The personal website was developed by using the Google Cloud which created the domain, the computer engine, and the Apache server. The website is generated from Html, CSS, and JavaScript. Secure shell (SSH) was used to create an RSA key for signing in and to securely upload to the Apache server.

GitHub

In GitHub, there are several programs that consist of the languages used in my undergraduate studies in C++, Java, Python, JavaScript, PHP, PLSQL, C, and VHDL.

Shopping Cart App

Within the GitHub there is a team driven android app, undergraduates in the computer science and engineering had to team up to develop a client side and server side of such app. Programmed in Kotlin [Client] and Typescript [Server] in Android Studio and Visual Studio.

KeyLed

Personal project that converts a real-time key logger to a device that uses light signaling. Uses Arduino-like board to process signals, keyboard inputs, and a live input and output data scheme.

Shortest Path UARK

Senior project that involves creating an application for the paths and routes around the University of Arkansas campus. Enabling people to optimally create a list of destinations and generate a specific route with certain attributes.

Interests

I'm interested in learning different ways to program and different things to program. Designing, creating or editing images, videos, or audio media is another interest I have. Modifying, mapping, or programming controllers and hardware is something I tend to do. Dancing, and tumbling are additional hobbies that intrigue my interest as well.