

Alan Barnett

PERSONAL DATA

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EDUCATION

42 Silicon Valley – *Programming* APRIL 2018–PRESENT

- Completed various projects re-coding important parts of the C Standard Library
- Experienced programming in C/C++, BASH and ASM
- Developed interpersonal skills through group work and peer corrections
- Formed solid time management and motivational skills by having to create my own schedule and work with project deadlines

Ohio University – *Computer Science* AUGUST 2015–MARCH 2017

- Completed 2 years of coursework in Computer Science, Math, and Physics
- Learned Object Oriented Programming through C++ and Java
- Studied Math through Calculus 2 and Discrete Math

SKILLS

Computer and Technical:

- Proficient in Microsoft Office, Word, Excel, PowerPoint, and L^AT_EX
- Fast and accurate typist (100-120 WPM, 95%+ accuracy)
- Computer programming (C/C++, BASH, PYTHON, JAVA, ASM)
- Purchased parts for and built a desktop computer
- Repaired and modified workplace computers, from replacing internal devices such as wifi cards, RAM, and storage, to flashing custom firmware onto BIOS chips
- Experienced in troubleshooting and solving computer issues in a workplace environment
- Maintained a home server for multiple users

Operating Systems:

- Moderate experience in macOS, Windows (7, 8.1, 10), and UNIX (Solaris, OpenBSD)
- Moderate to advanced experience in installing and maintaining a Linux system
- Compiled my own Linux From Scratch by writing a simple package manager in Bash
- Confident in software deployment, configuration, and testing
- Fluent in command line use and navigation in Linux

WORK EXPERIENCE

Cibic, startup – *Systems Administrator/Developer Operations* APRIL–JUNE 2020

- Learned how to use AWS and spin up a server for the backend in my first weekend
- Deployed and administered a personalized, lightweight linux installation on work laptops
- Coached the team on how to use essential programs like git, ssh, and vim
- Established a local network for ssh access to a fast dev testing server

Ohio University, College of Business – *Student SysAdmin* SUMMER 2017

- Collaborated with the IT Manager to reconstruct six computer labs (200 machines), including networking, bandwidth testing, image creation and management, and hardware and software deployment and troubleshooting
- Used tools like Clonezilla to deploy an image to multiple computer labs
- Assisted teachers and students at the helpdesk with computer issues