Cam Shortt

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Education

Fall 2023 - Present	• Bachelor of Science in Computer Science with a Concentration in Software Engineering, Louisiana State University

Interesting Coursework

Fall 2024	• CSC 4362: Software Vulnerabilities and Exploitation, taught by Andrew Case
Spring 2024	• CSC 4360: Reverse Engineering, taught by Andrew Case

Projects

Fall 2024 - Present	• Unix port of ITS TECO - binary reverse engineering and software development in C
Fall 2024	• Hack-o-Ween CTF - built nine basic cybersecurity challenges
Winter 2023	• ITS-138 Restoration Project - transcribed 15 pages of assembler as volunteer

Activities

Fall 2024 - Present	• President, Security Society of LSU - presented on various cybersecurity topics, created CTF challenges, ran Hack-o-Ween CTF
Fall 2024	• Code Mentor, SASE Hackathon - guided teams in Git and HTML/JS/CSS, ran web exploitation workshop
Spring 2024	• Acting President, Security Society of LSU - ran club meetings, created labs
	• Code Mentor, WiCS Hackathon - guided teams in React and HTML/JS/CSS

Skills

Languages

Fall 2024 - Present	• LaTeX - built this CV with CurVe
2021	• x64 Assembler - knowledge of both AT&T and Intel formats and can write working programs for Linux/BIOS
2020	• Common Lisp - can get work done after some research
2019	• C89 - can do wacky things like build againt multiple libc's on ancient compilers (and also build portable programs)

Technologies

2023	• IDA Pro - Have reverse engineered several old DOS viruses
2020	• GDB - can get work done but research is required for more advanced tasks
	• OpenBSD - comfortable working in and configuring, have built custom kernels and ports
	• QEMU - can setup x86/64 VMs with weirdly specific hardware
	• Simh - have built and run Research UN*X on the PDP-7 and PDP-11 and ITS on the PDP-10
2019	• Linux - comfortable working in and configuring, have built custom kernels and distros

Editors

2023	• TECO-11 - can work semi-comfortably and write custom macros after documentation and research
	• Emacs - hard rolled configuration after three Emacs bankrupcies
2019	• VI - can comfortable work in and exit

Miscellanious

Fall 2023 - Present	• Trumpet, The Golden Band from Tigerland
Spring 2023	• Eagle Scout