

# Manvir Mann

Sacramento, CA | 916-886-6782 | [mann.s.manvir@gmail.com](mailto:mann.s.manvir@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

### California State University, Sacramento

Sacramento, CA

Bachelor of Science in Computer Science (GPA: 3.74)

December 2023

- Relevant Coursework: Computer Software Engineering, Operating System Principles, Database Management, Computer System Attacks & Countermeasures, Computer Forensics Principles & Practices, Web Programming
- Organizations/Awards: Association of Computing Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE), National Society of Black Engineers (NSBE), Dean's Honors List, Cum Laude

## SKILLS & CERTIFICATIONS

**Languages:** HTML/CSS, JavaScript/TypeScript, Java

**Frameworks/Tools:** Git, Linux, Kali Linux, Active Directory, Oracle VM VirtualBox, Jira, Visual Studio Code, GitHub, React.js, Next.js, Node.js, Tailwind CSS, MySQL, Microsoft Office 365, Adobe Photoshop

**Certifications:** Fortinet Certified Fundamentals in Cybersecurity (FCF)

## WORK EXPERIENCE

### Kaiser Permanente

Sacramento, CA

Neurology Department Intern

June 2018 – August 2018

- Addressed patient inquiries and scheduled appointments by fielding phone calls, improving patient communication.
- Prepared patient rooms rapidly and efficiently, ensuring a clean and safe environment while reducing patient wait time by over 12%.
- Measured patients' blood pressure while providing information on relevant changes and addressing patient concerns.
- Created and organized patient pamphlets detailing common neurology procedures, expectations, and answers to common questions, contributing to an approximate 15% increase in patient satisfaction.
- Participated in organizing and planning a Bring Your Child to Work Day event, managing various activity stalls, and conducting tours for approximately 150 children throughout the hospital.
- Executed a time efficiency project using Microsoft Excel to analyze appointment processes and identify areas for improvement, resulting in a 20% increase in efficiency.

## PROJECT EXPERIENCE

### Active Directory Home Lab

Sacramento, CA

Independent Project

April 2024 – May 2024

- Configured a virtual environment with Windows Server 2022 as the domain controller and joined a Windows 10 client, creating user accounts to explore authentication, authorization, and domain management.
- Utilized: Windows Server 2022, Windows 10, Active Directory, Oracle VM VirtualBox, Virtual Networking

### Tea-Rex Website

Sacramento, CA

SCRUM Master

January 2023 – December 2023

- Collaborated with a team of 7 members to develop a multifunctional website for a local boba shop, empowering users to conveniently place online orders, access the menu, and obtain essential information while also serving as an efficient inventory tracking tool for the restaurant.
- Utilized: Figma, React.js, Express.js, Tailwind CSS, TypeScript, Prisma, MySQL (Planet Scale), Vercel

### Malware Network Forensic Investigation

Sacramento, CA

Independent Project

October 2023 – November 2023

- Performed network forensic analysis on a pcap file to identify malicious traffic, download sources, and potential malware infections by analyzing network protocols, conversations, and packet data to uncover security incidents.
- Utilized: Windows 10 Virtual Machine, WinPmem, OSForensics, Wireshark

### Metasploitable TikiWiki

Sacramento, CA

Independent Project

May 2023 – June 2023

- Conducted a SQL injection attack on a purposefully vulnerable website, exploiting vulnerabilities to gain unauthorized access to sensitive employee information, including names, salaries, birth dates, SSNs, and passwords.
- Utilized: Figma, React.js, Express.js, Tailwind CSS, TypeScript, Prisma, MySQL (Planet Scale), Vercel