

# Manvir Mann

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## EDUCATION

**California State University, Sacramento**

December 2023

**Bachelor of Science in Computer Science**

3.74 GPA

**Relevant Coursework:** Web Programming, Introduction to Software Engineering, Operating System Principles, Database Management, Computer System Attacks & Countermeasures, Computer Forensics Principles & Practices

**Honors & Awards:** Dean's Honors List

**Activities & Societies:** Association of Computing Machinery, Institute of Electrical and Electronics Engineers, and National Society of Black Engineers

## 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

## EXPERIENCE

**Kaiser Permanente – 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.

## PROJECTS

**Active Directory Home Lab**

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**

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**

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**

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: SEEDUbuntu Virtual Machine, Firefox, Apache web server, Employee Management web application