# Manav Sood

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## PROFESSIONAL EXPERIENCE

AUSTIN FC, AUSTIN, TX
*Information Technology Event Intern, June 2021 – August 2021*
Assisted in event system needs such as technical assistance and troubleshooting for network and computer system issues as a part of Austin FC's inaugural season. Executed testing & data collection on Q2 Stadium's network, ensuring support for event-day load and optimal mesh network configuration.

KEYSIGHT TECHNOLOGIES, AUSTIN, TX
*NVS Software Engineering Intern, October 2019 – April 2020*
Tested and redeveloped several AppStack product features leading up to release as a part of an Agile development team including addition of over a thousand lines of production code, internal Python tools and documentation using existing APIs, and training of an additional software engineering intern and a full-time engineer.

VARSITYTUTORS, DALLAS, TX
*Computer Science Tutor, June 2019 – September 2019*
Provided online one-on-one advanced Computer Science assistance to several students for Java-based Android apps, IOS development projects, building neural networks in Python, and classwork for topics such as algorithms & complexity, .

ICODE INC., DALLAS, TX
*Lab Mentor, August 2017 – May 2018*
Educated kids ranging K-12 about the fundamentals of Computer Science, Object-Oriented Programming, Java, HTML & CSS, Python, robotics, and more.

## EDUCATION

LIBERTY HS, FRISCO , TX,  *2014-2018*
Relevant coursework includes CCENT/CCNA Internetworking I-IV, Advanced Computer Science

UNIVERSITY OF TEXAS, AUSTIN, TX
*Bachelor of Science in Computer Science,  2018-2022*
Relevant coursework includes Discrete Math, Data Structures & Algorithms, Matrix Calculations, Computer Organization and Architecture, Operating Systems, Artificial Intelligence, Data Management, Competitive Programming

## ACHIEVEMENTS & QUALIFICATIONS

CYBERSECURITY RESEARCH - Designed, developed, and tested a remote-controlled penetration testing drone and executed testing on home-environment wireless networks with the help of mentors at Amazon Web Services and General Datatech.

BUSINESS PROFESSIONALS OF AMERICA - 1st place Regional Champion in Network Design Team and individual Computer Security events

EVENT SPEAKER - Delivered talks at Wester M.S. Career day, Hunt M.S. Career Day, and FISD Student Opportunity Center Teens in Technology event educating students about a career in Networking or Computer Science.

COMPETITIVE PROGRAMMING - 3rd in State UIL Computer Science Team 5A (2017), represented Liberty H.S. at HP Codewars Houston & Lockheed Martin Code Quest, 8th place in UTD Battle of the Brains Fall 2017

### ADDITIONAL QUALIFICATIONS
- Skilled in Java, JavaScript, Python, C, HTML/CSS, Batch, CCENT/CCNA topics
- Familiar with Swift, C++, C#, x86 Assembly, Robot framework, PHP, Kali Linux
- Proficient with Microsoft Windows & Office suite, MacOS, Ubuntu Linux, VirtualBox/VMware
- SAT: 1560/1600

# REFERENCES

### SCOTT STEWART

Profession: Cloud Security Architect at Amazon Web Services
Telephone: (214) 608-5240
Email: scotstew@amazon.com

### BRYAN BUNN

Profession: Computer Science Teacher at Liberty High School
Telephone: (469) 633-5800
Email: bunnb@friscoisd.org

### RAM LAKSNARAIN

Profession: Private Educator & Systems Engineering and Management Professor at the University of Texas at Dallas
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