

# VRUSHANK MALI

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## EDUCATION

**The University of Tennessee at Martin**; Martin, TN | *Bachelor of Science, Computer Science*; May 2024

- **Software and Systems** concentration
- **Core Classes:** Algorithm Design & Analysis, Theory of Computation, Computer Operating Systems, Data Structures & Algorithms, Comparison of Programming Languages, Software Engineering, Computer Organization & Architecture, Discrete Structures 1&2
- **Publication:** [NSF REU Site: Swarms of Unmanned Aircraft Systems in the Age of AI/Machine Learning](#)
- **Achievements:**
  - Placed 3<sup>rd</sup> out of 15 undergraduate senior projects at ACM Conference in Gatlinburg, TN
  - Placed 1<sup>st</sup> in team 12-hour hackathon competition
- **Involvement:**
  - **International Collegiate Programming Contest (ICPC)**; March 2021 & March 2022
  - **Hexapawns**; Skyhacks Hackathon; March 2019
  - **National Society of Leadership and Success Honor Society** | Inducted February 2020
  - **UT Martin; The League of Striving Artists**; Martin, TN; August 2019 – May 2020

## SKILLS

- **Programming Languages:** C, C++, CSS, Python, HTML, Java, JavaScript, LaTeX, JDK, Kotlin, Clingo, Haskell, Dart, MySQL
- **Software Proficiency:** MS Office, MS Visual Studio, Android Studio, Git, GitHub, CLion
- **Operating Systems:** Windows (7-11), Linux (Ubuntu, Kali Linux)
- **Cybersecurity Tools:** Kali Linux (Metasploit, Nmap, Burp Suite, Wireshark, Nessus Tenable Essentials)
- **Languages:** Native in Hindi and Gujarati, and B2 CEFR English proficiency
- **Soft Skills:** Critical thinking, problem solving, teamwork, leadership, work ethic, creativity, troubleshooting
- **Other Tools & Frameworks:** Aruba Utilities, Flutter, WPF Application, .NET, TeamDynamix, XAML, Visio, Database, BeyondTrust (Remote Desktop Support)

## EXPERIENCE

**UT Martin Information Technology Services**; Martin, TN | *Network Technician*; July 2023 – May 2024

- Provide on-site Tier 2 support to students, staff and faculty in professional manner
- Upgrade switches, transferring code information and making appropriate changes
- Provision access points to improve Wi-Fi reception
- Troubleshoot remote and on-site Wi-Fi connectivity, access points and switches
- Track user requests, issues, and progress via TeamDynamix ticketing system

**UT Martin Information Technology Services**; Martin, TN | *Student Assistant*; July 2022 – July 2023

- Provided Tier 1 help desk support to students, staff and faculty
- Troubleshot issues with Ellucian Banner, Canvas, computer software, printers via BeyondTrust remote support
- Tracked user requests, issues, and progress via TeamDynamix ticketing system
- Registered devices to ensure connection to university network

**Zoom Computer Classes**; Surat, India | *Teacher Assistant*; May 2017 – April 2018

- Consulted & recruited students into the tutoring program
- Managed collection of tuition and fees
- Held tutoring sessions

## PROJECTS

**Gardener's Best Friend (Android App Developer)**; CSCI 495 – Senior Design Course; Fall 2023

**Music World (Windows Software Developer)**; CSCI 352 – Software Engineering; Fall 2021

**Memory Game (Windows Game Developer)**; CSCI 352 – Software Engineering; Fall 2020