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| ET |  | Eldad W. Tolla | |
|  |  | Double majoring in Computer Science and Mathematics, with minors in Data Science and Engineering, I have extensive experience in technical support and student leadership. I am passionate about machine learning and AI and have a proven ability to develop and execute projects. | |
| Contact  Lynchburg, VA  240-355-2970  etolla@randolphcollege.edu  Education  **Randolph College**  Lynchburg, VA  **BS in Computer Science and Mathematics**  **Minors in Data Science and**  **Engineering**  *GPA 4.0*  **May 2027**  Key Skills  Project Management  Teamwork  Data Analysis  Communication  Diversity and Inclusion  Technology  Microsoft Office Suite  Python, Java, JavaScript  C, C++  Git/GitHub  SQL, Node.Js  HTML, CSS, R  Leadership  Presidential Ambassador  Judiciary Chair Student Rep  Society of Physics Students  Awards and Honors  Dean’s List  NSF SUPER Scholar Award  Most Outstanding Student- Computer Science and Math  Academic MVP Award  Languages  Amharic  Other Projects  Digital Marketing Strategy for Up Key |  | Experience |  |
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| August 2023-Present **Computer Science and Math Tutor** | Randolph College | Lynchburg, VA  * Provide additional instruction to students to improve understanding of complex mathematical and coding concepts, * Present information tailored to support individual student learning and meet academic goals  August 2023-Present**IT Help Desk Assistant** | Randolph College | Lynchburg, VA  * Provide technical support for campus-wide operating systems by identifying and resolving issues, * Troubleshoot and maintain hardware and software inventory  August 2024-Present**Computer Science Research Assistant** | Randolph College | Lynchburg, VA  * Develop and implement data visualization techniques to build an interactive website to assist farmers and researchers, * Enhance data mining and analytics skills using USDA crop data and weather information, * Collaborate with team members for training and project updates  August 2024-Present**Engineering Research Assistant** | Randolph College | Lynchburg, VA  * Develop a voice-activated AI robot to enhance human-computer interaction using natural language processing (NLP) techniques, * Implement speech recognition algorithms to improve accuracy in real-time communication, * Assist in coding and integrating AI-driven responses, enabling the robot to understand and respond to complex voice commands, * Collaborate on testing and optimizing the robot’s performance in various environments for smooth interaction  |  |  | | --- | --- | | Projects |  | |  |   **Matrix Operations Library**   * Create a Python library for efficient matrix operations utilizing linear algebra concepts to support various mathematical and engineering applications   **Personalized Study Plan Generator**   * Develop an app that creates customized study plans based on students’ learning styles and performance, * Use algorithms for personalized recommendations and AI for optimizing learning paths   **Voice Aid AI-Powered Speech Recognition for Assistive Technology**   * Build an AI-driven speech recognition platform designed to assist individuals with speech impairments or physical disabilities in communicating effectively | |