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| EDUCATION                 | <b>Gallogy College of Engineering, University of Oklahoma</b><br><i>Bachelors in Computer Science</i><br><ul style="list-style-type: none"><li>• Advisor: Dr. Anindya Maiti</li><li>• Research area: Micro-mobility, Urban planning, Smart transportation, Electric vehicles.</li><li>• GPA: 3.00/4.00.</li></ul>  | Oklahoma, USA<br>2021 - 2025 ( <i>expected</i> ) |
|                           | <b>Department of Engineering, Swansea University</b><br><i>Study Abroad Program</i>  | Swansea, Wales<br>2024                           |
| PROJECTS                  | <b>ScooterLab Funded by the National Science Foundation</b><br><i>University of Oklahoma, Norman, Oklahoma</i><br><ul style="list-style-type: none"><li>• Focused on Ramp API development, managing and optimizing back-end processes.</li><li>• Handled data management, parsing, and collection to ensure accurate and efficient data handling.</li><li>• Resampling and data processing to improve the reliability and performance of back-end systems.</li><li>• Concurrent embedded programming and deployment.</li></ul> | 2022.01 - 2024.09                                |
|                           | <b>Diet Companion Web Application</b><br><i>University of Oklahoma, Norman Oklahoma</i><br><ul style="list-style-type: none"><li>• Using ODM and ORM libraries such as Sequelize and Mongoose to define our database models.</li><li>• Utilizing the Ionic/Angular framework for web-app front-end development.</li><li>• Utilizing public API's for data collection.</li><li>• Developing internal APIs for our back-end systems.</li></ul>   | 2024.08 - 2024.12( <i>expected</i> )             |
| INTERNSHIPS               | <b>Flywheel Energy   Oklahoma City, Oklahoma</b><br><ul style="list-style-type: none"><li>• Developed back-end services for an energy management system using sprocs and Type script.</li><li>• Specialized in Ionic, Angular, and TypeScript to ensure seamless integration with company objectives.</li><li>• Excelled in optimizing existing apps and staying updated with industry trends.</li><li>• Collaborate with senior developers to insure product quality.</li></ul>   | 2023.05 - 2023.09                                |
|                           | <b>1. Poster: A Programmable and Participatory Sensing Testbed using Micromobility Vehicles.</b><br><i>Texas Innovation Invitational 2024, July 29, 2024.</i>  |  |
| AWARDS<br>AND<br>SERVICES | <ul style="list-style-type: none"><li>• <b>Second Prize</b>, MLH Hacklahoma</li><li>• <b>CoE Fellowship</b>, CoE Tomorrow's Engineer Fellowship</li><li>• <b>CoE Fellowship</b>, CoE Tomorrow's Engineer Fellowship</li><li>• <b>Workshop</b>, Daily Drive with Tux: Mastering Linux for Everyday Use</li></ul>  | 2024.01<br>2023.06<br>2023.09<br>2025.01         |
| SKILLS                    | <b>Languages:</b> English, Farsi, German<br><b>Programming:</b> Python, SQL, Java,c++, JavaScript, C, C#,Typescript.<br><b>Frameworks/DB:</b> Ionic, Angular, Mysql, MongoDB, docker.<br><b>Other:</b> UNIX/Linux, ODM and ORM Libraries, Data Management, Scripts and procedures, Data entry/parsing, Microsoft Tools.  |  |