Jeremiah Lantzer

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| **EDUCATION** | Embry-Riddle Aeronautical University of Daytona Beach, FL; Bachelor of Science expected December 2019.   * Hackathon Chair   **Hacker Club Officer**   |  | | --- | | **Degree** | | * Software Engineering | |
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| **PROJECTS** |  |
| **HackDFW**  **Med Hub** | Spring 2016   * Developed an all in one intelligent medicine cabinet * Used an android app to communicate and unlock it * Used raspberry pi as the lock’s communication platform |
| **UHack**  **Safe Key** | Spring 2016   * Developed a keystroke dynamics tracker * Added a second level of safety to passwords and usernames * Intended to identify different typing styles |
| **SudoHacks**  **Drone Drop** | Spring 2016   * Developed and autonomous drone delivery software platform * Python back end communicated with the drone over a tethered connection * Placed second overall at Sudo HackStetson |
| **Thales Arduino Competition** | Fall 2015   * Developed a tracking system to find imperfections in hand movements * Built a porotype showing the correct movement to achieve a perfect shot * Estimated the trajectory of the hand movements * Warned the user to correct hand movements |
| **Fire-Fighting Robot** | Fall 2015   * Developed code for an autonomous firefighting robot * Designed the entirety of the wall following algorithm |
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| **EXPERIENCE** |  |
| **Admissions Assistant**  **HackRiddle Co-Organizer** | **Embry-Riddle Aeronautical University** September, 2015 – Present   * In charge of shipping and inventory of recruitment materials   **Embry-Riddle Aeronautical university** March 2016   * Organized the University’s first ever programming competition |
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| **SKILLS** | Programming Languages: Java, Python, Arduino(C++)  Software: Microsoft Office Word, Microsoft Office PowerPoint, Microsoft Outlook, Eclipse, Pycharm, Arduino Shell |
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| **AWARDS** | **Most Innovative App Hosted on Amazon Web Services** x2March 2016   * PolyHacks and UHack   **Best Use of AT&T’s M2X APIs** April 2016   * HackDFW |
| **Professional Organizations** | **IEEE Student Member** March 2016   * Involved in projects pertaining to hackathons |

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