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| **Gerard (Jed) Mijares** | | [jed@mijar.es](mailto:jed@mijar.es)  (812)-217-2160 | [linkedin.com/in/g-mijares](https://www.linkedin.com/in/g-mijares/)  [github.com/jedmijares](https://github.com/jedmijares) |
| **EDUCATION** | **University of Kentucky GPA: 4.00/4.00**  *Candidate for B.S. in Computer Engineering Anticipated: December 2021* | | |
| **EXPERIENCE** | **Midea America Research Center Louisville, KY**  *Electronics Research and Development Co-op Summer 2018, Summer 2019*  *Remote Co-op Summer 2020 – Present*   * Programmed in C++ and built hardware assemblies to develop rapid advanced prototypes for home appliances * Collaborated with software engineers at Midea’s California and China offices to integrate innovative features to a system through the Nvidia Jetson * Prepared and presented training for Midea's mechanical engineering co-ops on Arduino hardware, programming for rapid prototyping, and soldering   **Universal Creative Orlando, FL**  *Parkwide Systems Intern Fall 2019*   * Created and maintained documents with AutoCAD and Excel to facilitate development of parkwide systems such as security, audio, and networking * Reviewed and annotated drawings prepared by vendors using Bluebeam Revu * Communicated with managers of several disciplines to create an internal specification document outlining over 30 parkwide systems   **UK Solar Car Team University of Kentucky**  *Electrical Team Member Fall 2017 – Spring 2019*   * Designed car’s dashboard and steering wheel, including defining functionality, selecting components, and PCB design with Autodesk EAGLE | | |
| **PROJECTS** | [**Handheld Battleship Game**](https://github.com/jedmijares/Battleship-Handheld)   * Implemented game on a TI microcontroller development board in a team of two * Designed and programmed game logic in C, selected and integrated electronic components, and designed and assembled PCBs   **[Spaceward Unity Game](https://github.com/jedmijares/Spaceward)**   * Created a 3D space shooter using Unity and C#, playable in a web browser   **[Watch Me Game Bot](https://github.com/jedmijares/Watch-Me-Game)**   * Wrote a bot in Python that automatically plays Nintendo’s *Game & Watch Gallery* | | |
| **HONORS**  **AND AWARDS** | **Patterson Scholarship**  A full ride to the University of Kentucky, awarded for National Merit Scholar status  [**Signet Essay Contest Scholarship Winner**](https://www.penguinrandomhouse.com/signet-essay-contest-winner-2017-gerard-mijares/)  $1000 scholarship awarded for an essay written on Shakespeare’s *The Tempest* | | |