

Gerard (Jed) Mijares

Mail/Phone
Redacted

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EDUCATION	University of Kentucky <i>Candidate for B.S. in Computer Engineering</i>	GPA: 4.00/4.00 <i>Anticipated: Fall 2021</i>
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EXPERIENCE	Universal Creative <i>Parkwide Systems Intern</i>	Orlando, FL <i>Fall 2019 – Present</i>
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- Created and maintained documents with AutoCAD and Excel to facilitate development of parkwide systems such as security, background music, and Wi-Fi
- 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

Midea America Research Center <i>Electronics Research and Development Co-op</i>	Louisville, KY <i>Summer 2018, Summer 2019</i>
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- Programmed in C++ to develop embedded prototypes for home appliances, and added functionality to software written by previous co-ops
- Collaborated with software engineers at Midea's San Jose office to integrate artificial intelligence features to a system through the Nvidia Jetson platform
- Prepared and presented training for Midea's mechanical engineering co-ops on Arduino hardware, programming for rapid prototyping, and soldering

UK Solar Car Team <i>Electrical Team Member</i>	University of Kentucky <i>Fall 2017 – Present</i>
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- Electrically designed car's dashboard and steering wheel, including defining functionality, selecting components, and PCB design with Autodesk EAGLE
- Collaborated with team members of various engineering fields to determine mechanical constraints and software requirements of electrical systems

Tau Beta Pi - KY Alpha Chapter <i>Engineering Peer Tutor</i>	University of Kentucky <i>Fall 2018</i>
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- Assisted students with engineering and computer science coursework

PROJECTS	Handheld Battleship Game <ul style="list-style-type: none">• Implemented Battleship on a TI development board in a team of two• Designed and programmed game logic in C, selected and integrated electronic components, and designed and assembled PCBs	Spring 2019
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HONORS AND AWARDS	Patterson Scholarship A full ride to the University of Kentucky, awarded for National Merit Scholar status
	Signet Essay Contest Scholarship Winner \$1000 scholarship awarded for an essay written on Shakespeare's <i>The Tempest</i>