

Gerard (Jed) Mijares

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EDUCATION	University of Kentucky <i>Candidate for B.S. in Computer Engineering</i>	GPA: 4.00/4.00 <i>Anticipated: December 2021</i>
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EXPERIENCE	Midea America Research Center <i>Electronics Research and Development Co-op</i> <i>Remote Co-op</i>	Louisville, KY <i>Summer 2018, Summer 2019</i> <i>Summer 2020 – Fall 2020</i>
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- Programmed in C++ and created hardware assemblies to develop rapid advanced prototypes for home appliances
- Collaborated with software engineers at Midea's California and China offices to integrate innovative new features to an appliance 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 <i>Parkwide Systems Intern</i>	Orlando, FL <i>Fall 2019</i>
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- 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

CAMPUS ACTIVITY	NLP Research Assistant <i>Undergrad Research Assistant</i>	University of Kentucky <i>Spring 2021 – Present</i>
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- Working under Dr. Ramakanth Kavuluru to analyze Twitter data for bioinformatics

UK Solar Car Team <i>Electrical Team Member</i>	University of Kentucky <i>Fall 2017 – Spring 2019</i>
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- Selected components and designed PCB for car's dashboard and steering wheel

PROJECTS	Handheld Battleship Game <ul style="list-style-type: none">• 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
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Spaceward Unity Game

- Created a 3D space shooter using Unity and C#, playable in a web browser

Watch Me Game Bot

- 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 \$1000 scholarship awarded for an essay written on Shakespeare's <i>The Tempest</i>