

# MIGUELANGEL MIRANDA

Mesa, AZ 85209  
6026223079 - esko\_iv@icloud.com

## EDUCATION

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Expected in 05/2025 **BS, ELECTRICAL ENGINEERING: Electrical Engineering**

**Arizona State University** - Tempe, AZ

- Dean's List [Spring 2023, 2024]
- IEEE Member

## PROFESSIONAL SUMMARY

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Highly motivated 4th year Electrical Engineering student at Arizona State University (ASU) with a proven track record of excellence. Possessing two years of invaluable internship experience at Intel, coupled with a tenure as an undergraduate teaching assistant at ASU, I have honed my technical skills and cultivated a passion for mentorship and knowledge dissemination.

## WORK HISTORY

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08/2024 to Current **Undergraduate Lab Assistant**

**Arizona State University, ASU-** Tempe, AZ

- Responsible for redesigning with Professor the core labs for EEE334, Circuits II.
- Assisted Students in class through an online discussion board and held Zoom calls.

01/2024 to Current **Undergraduate Teaching Assistant**

**Arizona State University, ASU** – Tempe, AZ

- Streamlined communication between students and professors by managing online discussion boards and responding to email inquiries promptly.
- Conducted office hours to aid students with homework assignments and exam preparation.

12/2023 to Current **Process Engineer Intern**

**Intel** – Chandler, AZ

- Developed process simulations to evaluate the effectiveness of proposed changes before implementation.
- Collaborated with R&D teams on new product development projects, providing valuable input on manufacturability considerations during early design stages.
- Utilized simulation software to model and analyze process flows, enabling more informed decision-making for operational improvements.

08/2022 to 11/2023 **Manufacturing Tech Intern**

**Intel** – Chandler, AZ

- Gained hands-on experience in various software programs, increasing proficiency and expanding technical skill set.
- Analyzed problems and worked with teams to develop solutions.

## SKILLS

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- Microsoft Office, SQL
- MATLAB, SOLIDWORKS
- C, Python, HTML, Java
- Verilog, SystemVerilog, VHDL

**Awards:** Dean's List Spring of 2023 and 2024, Undergraduate TA EEE350 and EEE334, Intel Certificate, CMC internship Completion