

Brendan J Joyce

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A hard-working student gifted at retention and learning, dedicated to affecting change by way of scientific research, teamwork, diligence, communication, attention to detail, organization, and leadership.

Professional Experience

TAMUK Herbarium

Kingsville, TX

06/2023 – Current

Management/Digitizer

Duties, Accomplishments and Related Skills:

- Conduct data entry by transcribing images into Excel sheets, ensuring accuracy and efficiency in recording specimen information.
- Lead digitization efforts to modernize the herbarium's collections, contributing to increased accessibility and preservation of botanical specimens.
- Manage scheduling and training for new hires, fostering a cohesive and productive work environment within the herbarium.
- Perform miscellaneous duties as required, demonstrating flexibility and adaptability in fulfilling organizational needs.
- Collaborate with the adjacent Herbariums to support their digitization and transcription initiatives, enhancing interdepartmental cooperation and expanding skill sets.

NASA L'Space Mission Concept Academy

01/2023 - 05/2023

Electrical Engineer – Team 18

Duties, Accomplishments and Related Skills:

- Compiled 146-page document with a team detailing the preliminary design review of a 30 kg, 1 m² Martian rover with constraints. Focus on Electrical Engineering discipline.
 - Decide on power & communication budgets and design antennas, transceivers, power generation components.
 - Mass, volume, budgetary constraints factored in designing rover to fulfill mission objective and maintain communications with Earth.
 - Weekly team meetings, daily subteam meetings to decide on agenda and update team progress.
 - Factor in manufacturing process and lead times when sourcing components.
 - Consult team lead status updates. Communicate to team members of engineering or science discipline to determine the best approach.
 - Integrate all sources used, CAD files, methodologies, acronyms, and tables into document to maintain credibility.
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Bay Construction Company, Corpus Christi | Summer 2022

Duties, Accomplishments and Related Skills:

- Worked as an Electrician Apprentice at an industrial construction site, gaining hands-on experience in various electrical tasks and industrial equipment operation.
- Accurately measured and cut metal for cable trays using bandsaw, demonstrating precision and attention to detail in industrial settings.
- Operated an overhead crane proficiently, ensuring safety protocols and efficient material handling.
- Collaborated with experienced electricians to install and maintain electrical systems, contributing to the successful completion of [specific project/task if applicable].
- Actively participated in team meetings, demonstrating effective communication skills and contributing valuable insights to enhance project efficiency.
- Adhered to workplace safety guidelines and protocols, maintaining a record of zero safety incidents during the apprenticeship period.
- Developed a reading comprehension of electrical blueprints, schematics, and technical diagrams, enhancing the ability to interpret and implement complex electrical installations.
- Assisted in troubleshooting electrical issues, showcasing problem-solving skills and attention to detail.

Chili's Grill and Bar

San Antonio, TX

07/2017 – 03/2020

Line Cook/Food Prep

Duties, Accomplishments and Related Skills:

- Save Chili's hundreds of dollars through precise measuring and reducing waste in the kitchen
- Complaint resolution with an emphasis on customer satisfaction
- Verify inventory computations by comparing them to physical counts of stock, investigate discrepancies, or adjust errors.
- New associate training, development, and task assignment
- Maintain sales quotas and inventory management
- Coordination and alignment of business operations
- Prepare a variety of foods, such as meats, vegetables, desserts, according to customers' orders or supervisors' instructions, following approved procedures.
- Receive and store food supplies, equipment, and utensils in refrigerators, cupboards, and other storage areas.

Education

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- **Texas A&M University – Kingsville**

Graduation Date: May 2026

Major: Bachelor of Electrical Engineering

GPA - 3.8

Job Related Training:

- MS Suite: Word, Excel, PowerPoint
- Python, C Programming, Matlab
- CPR Certified, Overhead Crane Training
- Research & Report-writing