

Electrical Engineering Internships - Summer 2021

Seeking talented interns to be part of the IHMC Robotics Team to design circuit boards, fabricate wiring harnesses, wire robots, and test electrical circuits for walking robots and exoskeletons. Internships are available for students who are currently pursuing an undergraduate or graduate degree in electrical engineering or related field. Knowledge of electrical circuits and some proficiency in a design software such as Altium, EagleCAD, or ORCAD is required. We are looking for applicants who have some experience taking schematics through to production. Knowledge of mechatronics systems, sensors, motors, power supplies, and any electrical component related to robotic system is a plus. Applicants will work closely with others in a small team, and excellent communication and documentation skills are required.

This internship is for a full-time, paid position in Pensacola, Florida. You must be available every day during regular work hours, for a minimum of 9 weeks. Start dates may be as early as the beginning of April. You must be authorized to work in the United States, and be able to pass a background investigation.

As part of the application, we require that you provide a link (unlisted or public) to a YouTube video of you talking about one of electrical projects. You can see a sample video of someone talking about a mechanical project at: <https://youtu.be/iazm1KD5qoQ>. This video should highlight your communication skills as well as show your design. The video should:

- Include your talking about your project
- Be 1 minute (+/- 15 seconds) in length
- Show your design, either actual or on computer screen
- Have clear audio

To Apply:

Please follow these instructions carefully. Your ability to follow the instructions and provide all of the documents **in the requested format** will be part of your evaluation. Any application not following the instructions will be returned.

Email your application to: robotjobs@ihmc.us

The subject of the email must be: **2021 EE Internship - YourLastName**

Include the following items as attachments in the email:

1. Current resume in pdf format. Name your file:

"YourLastName_Resume.pdf"

2. Cover letter in pdf format. Name your file:
"YourLastName_CoverLetter.pdf".

In the cover letter, include the following items:

- Dates you are available for an internship. Note you must be available full time.
- Describe your relevant electrical experience.
- Discuss why you are interested in an internship at IHMC.
- Provide link (URL) to your YouTube video.
- Provide email and phone number for three (3) professional references.

For example, the subject line of an email application for John Smith would be:

2021 EE Internship – Smith

His resume file would be titled: Smith_Resume.pdf

His cover letter file would titled: Smith_CoverLetter.pdf

Updates to this announcement may appear at ihmc.us/opportunities

Questions: robotjobs@ihmc.us

Location: Institute for Human and Machine Cognition (IHMC), Pensacola, FL

Application Deadline: April 2, 2021

Please note that it is possible that there may be delays in this internship start date and/or IHMC building closures due to the COVID-19 pandemic.

IHMC is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, national origin, disability, or protected Veteran status.