

# BRANDON DRESLIN

HUMAN FACTORS STUDENT WITH RESEARCH EXPERIENCE



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## Experience

Sept 2022 - Present

### Undergraduate Researcher

Embry-Riddle Aeronautical University

- Evaluated previous academic literature
- Utilized findings to write literature reviews
- Collaborated with colleagues to conceptualize and design novel human-machine interfaces

July 2022 - Present

### CEO

Dreslin Consulting Group

- Designed and developed business website from the ground up
- Managed business logistics, finances, and social media presence

## Education

Jan 2023 - Dec 2024

Aug 2021 - Dec 2023

### Embry-Riddle Aeronautical University

M.S. Human Factors

B.S. Human Factors Psychology

CGPA:

CGPA: 3.91

- Minor: Aerospace Life Sciences

### Projects & Research Studies

- Helicopter Brownout Mitigation - Analyzed visual cues used during flight to design a system that reproduces the cues in degraded visual environments
- AV eHMI - Investigated the interaction between pedestrians and autonomous vehicles to prototype an interface that communicates between the two parties

Jan 2020 - Dec 2023

### St. Petersburg College

Computer Programming Specialist Certificate

CGPA: 4.00

Java Specialization

### Projects

- Fictional Business Website - Designed and developed a fictional business website using Figma, HTML, CSS, and jQuery

## Skills & Certifications

Industry Knowledge  
HF Methods & Tools

Programming Languages

## Organizations

April 2022 - Present

Oct 2021 - Present

## Achievements

Dec 2021, May 2022

**CITI Social-Behavioral-Educational Researchers** (Credential ID 52806496)

**CITI Human Subjects Research: Students** (Credential ID 46234962)

**Notary Public for the State of Florida** (Commission # HH 303739)

**Autodesk AutoCAD Certified User** (Credential ID YY2-A46C-A83Y)

Report Writing, Literature Review

**Methods:** HTA, CTA, SJT, HFACS, SHERPA, SAGAT, NASA-TLX

**Tools:** SPSS, Figma

Python, Java, MySQL, HTML5, CSS3, JavaScript, Git

**Psi Chi: The International Honor Society in Psychology**

**Human Factors & Ergonomics Society**

**College of Arts & Science's Dean's List**