

# HUGH M. FACTORS

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## OBJECTIVE

Seeking a professional position as a Human Factors Specialist

## EDUCATION

Embry-Riddle Aeronautical University (ERAU)	Daytona Beach, FL
<b>Master of Science in Human Factors</b> , GPA: 3.97/4.0	May 2019
<b>Bachelor of Science in Human Factors Psychology</b> , GPA: 3.82/4.0	May 2019
<i>* 5 year Master/Bachelor program</i>	

### Relevant Coursework:

Research Analysis & Survey Design	Age-Related Issues in Product Design	Industrial Psychology
Human Factors Research Design	Bioengineering and Ergonomics	Sensation & Perception
Cognitive Psychology	Human Factors & System Safety	Systems Engineering
Human-Computer Interaction	Crew Resource Management	Statistical Analysis
System Performance Modeling	Crew Station System Design	Automation & Systems Issues
Human Factors & Systems Safety	Automation & Systems Issues	

## PROJECT EXPERIENCE

- Created a System Description Document (SDD) using CORE for the Segway HT.
- Worked as a member of a 5-person team to evaluate an aircraft manufacturing plant from a usability standpoint.
- Interfaced with Four Winds Co. administrators to determine user needs. Provided an ergonomic evaluation, examined AutoCAD drafts to determine optimal worksite flow, and recommended changes based upon testing and evaluation. Prepared an overall analysis for presentation.
- Served as Layout Design Specialist as a member of a 5-person team. Redesigned Ball Product International's factory layout from a functional standpoint. Interfaced with Plant Manager and floor supervisors to determine operator needs. Created a function/task and needs analysis and proposed a new design for the facility.

## WORK EXPERIENCE

Embry-Riddle Aeronautical University	Daytona Beach, FL
<b>Graduate Teaching Assistant, Human Factors Department</b>	Jan 2018 - Present
<ul style="list-style-type: none"><li>Teach Introduction to Human Factors and Human-Computer Interaction undergraduate-level courses</li><li>Participate in research projects, including studies on pilot fatigue and human error</li><li>Prepare class materials for professors and graded tests and homework</li></ul>	

Sikorsky, A LMCO Company	Stratford, CT
<b>Human Factors Intern – Crew Station Design</b>	May - Aug 2018
<ul style="list-style-type: none"><li>Assisted in the development of onboard mission planning system for the U.S. Army's RAH-66 Comanche Rotorcraft</li><li>Supported design through simulation, verification and validation</li><li>Identified needs and developed an orientation/training manual for new employees</li></ul>	

## SKILLS

Computer: Microsoft Word, Excel, PowerPoint; C/C++, SPSS; CORE, Visual Basic, CATIA v.5: Human builder, Telelogic Dynamic Object Oriented Requirements (DOORS)

Languages: Spanish, French (basic)

Certificates: FAA Private Pilot Certificate (Total Time: 120 hours)