Kaylin Clark

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Embry-Riddle Aeronautical University, Daytona Beach, FL
Master of Science in Human Factors   Expected Graduation: December 2019
Cumulative GPA: 3.7/4.0

RELATIVE COURSEWORK
HF400 *Human Factors IV System Design:* This course focusses on system design and testing of a complex system. Conducted usability testing and empirical comparisons to refine and redesign systems and displays.
HFS 510 *Research Design and Analysis:* The application of experimental, case study, survey, and non-experimental techniques are explored. Identification, isolation, and treatment of dependent and independent variables covered. Existing published research or data used to highlight principles.
HFS 600 *Human Factors in Systems*: Topics studied include human capabilities and human interfaces with human-machine systems, workload, anthropometrics, perception, workspace design, and visual momentum. The course studies human limitations in the light of human engineering, human reliability, stress, and human physiology.

PROJECT EXPERIENCE
CATIA V5 Product Redesign *Group Leader*
- Redesigned and optimized usability of the dormitory beds at ERAU.
- Utilized part design in CATIA to optimize design and add features including compartments and drawers based off student feedback and materials/cost research to maximize usability and user satisfaction

Phlebotomist Robot Design
- Created a concept design and a mockup of a robot intended to be used in trauma environments to assist with drawing blood, distributing IVs, and storing medical information.
- Consulted with Subject Matter Experts (SME) along with distributing a usability questionnaire to collect feedback on the original concept design.
- Redesigned concept to include suggestions from SMEs to maximize efficiency and performance.

EXPERIENCE
Universal Orlando Resort, Orlando, FL   August 2017 - December 2017
Consumer Insights Intern
- Responsible for programming, launching, and collecting and analyzing data from surveys (n=5,000) and other qualitative and quantitative research methods, such as focus groups and in-depth interviews
- Devise a solution to the original issue studied, further developing problem solving skills
- Interact with various departments along with a team to promote strong communication and collaboration skills

Embry-Riddle Aeronautical University, Daytona Beach, FL   January 2015 – Present
Student Assistant, Hunt Library Access Services
- Manage, organize and operate printers, computers, copiers and other various forms of technology located in the library
- Interact with Worldwide patrons and fellow employees to establish proficient communication skills

Embry-Riddle Aeronautical University, Daytona Beach, FL   July 2016 – October 2016
Information Technology Administrative Assistant
- Resolving technology issues across the Daytona Beach campus at Embry-Riddle Aeronautical University
- Logging technology issues and being point of contact between students, faculty and staff from report of issue, through to resolution

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SKILLS
Computer: CATIA V5R20, AutoCAD 2014, Autodesk Inventor 2014, Autodesk Revit 2014, Microsoft Office, IBM SPSS, Qualtrics, Python
Languages: French (intermediate)

ORGANIZATIONS
Theta Phi Alpha Fraternity *Ritual Chair, Sisterhood Chair, New Member Educator, Executive Board*
STEM (Science, Technology, Engineering, and Math) Outreach *Member*
Human Factors and Ergonomics Society *Member*
Hexagon UX Daytona Beach *Member*