Leonardo Galoso

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PROFESSIONAL EXPERIENCE

Product Development Engineer Intern, Muscatine, IA
The HON Company   **August 2017 - August 2018**
- Facilitated in the expansion of the 10500 Series, creating eight new worksurfaces in PTC Creo
- Conceptualized designs for an entry-level height-adjustable table, working with New Product Development to develop new adjusting mechanisms
- Provided design feedback on seating products and conducted reliability analysis on credenza locking components
- Created spreadsheets to depict part complexity in file cabinet lines, showing reduction and consolidation in hundreds of parts projected to save over $200,000 in yearly production costs
- Coordinated with marketing department to create new 3D line art for flagship modular storage models and Concinnity product line
- Assembled and updated double sided locking mechanisms and drawers for over 40 metal and laminate front credenzas in Creo; updated pre-existing drawings and bills of materials

Tutor, Muscatine, IA
Muscatine Community College   **September 2016 - May 2017**
- Provided one-on-one instruction to Muscatine Community College students in General Chemistry I & II
- Taught general education students as well as individuals with learning challenges and special needs within an inclusive environment

PROJECTS

Portfolio Website
leogaloso.com   **August 2018**
- Frontend development experience in HTML5 and CSS, managed version control with Git

Data Visualization and Analysis
"Demographics of Average Salaries Across Colleges"   **January 2018 - May 2018**
- Created geographical information system (GIS) in Tableau to analyze starting and mid-career salaries among over a hundred colleges in the United States, analyzing relationships between socioeconomic factors and salary
- Utilized R to conduct t-tests and find strength of correlation in relationships

EDUCATION

University of Illinois at Urbana-Champaign, Urbana-Champaign, IL   **August 2018 - May 2022**
Bachelor of Science (B.S.), **Mechanical Sciences and Engineering**
- Minor, **Computer Science**
  Relevant Coursework: Calculus II Engineering, Computer Aided Design, University Physics: Mechanics, ENG-198: First Year Design Project

Muscatine High School, Muscatine, IA   **August 2014 - May 2018**
- GPA - Simple: 4.0, Weighted: 4.5
  Relevant Coursework: AP Physics 1, AP Calculus AB, AP Chemistry, AP Computer Science A

Muscatine Community College, Muscatine, IA   **August 2015 - August 2018**
- GPA - 4.0
- President's List - Spring 2017, Summer 2017
  Relevant Coursework: Intro to Chemistry, Intro to Engineering and Design, Principles of Engineering, Computer Applications

SKILLS

CAD
PTC Creo 3.0, 4.0; Autodesk Inventor 2016, 2017

Programming Languages
Java, R, Python, HTML5, CSS

Analysis
Tableau, Microsoft Excel