

Alex C. Jenkins

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Education

BACHELOR OF SCIENCE in Engineering Management- Manufacturing
Miami University, Oxford, OH

May 19, 2018

GPA: 3.04

Skills & Qualifications

Engineering

- Six Sigma Green Belt Certified- Project: Analyzing the use of over 300 VOIP phones for Miami University's Office of Residence life to improve ease of use and accessibility of Resident Assistants. Cost savings of \$50,000.
- Senior Design Project: Tasked by Textron Aviation with a \$60,000 budget to reduce the defect rate in Jogging Process through belt driven linear actuator, and barcode scanner controlled by a Programmable Logic Controller. Deemed to be the second Most Outstanding Project in the Mechanical and Manufacturing Engineering Department.
- Certification on Universal Robot 3. Familiarity with Mitsubishi RV-M1 robot.
- Familiarity with Programmable Logic Controllers and TIA Portal V14 software.
- Mathematical Processes and Manufacturing Sciences: Static Modeling, Computation Methods, Stochastic Modeling, Design of Experiments, Probability and Statistics, Gauge R&R
- Manufacturing Processes: Forging, Casting, Stamping, Rolling, Extrusion
- Machining: End Mill, Lathe, CNC Mill, Punch and Die, Sheet Metal Bending
- MS Office, MS Project, Autodesk Inventor, CAM, MATLAB
- Designed and machined a permanent mold using End Mill and High Definition Polyethylene
- Part of a team that designed and machined a reciprocating piston pump using an End Mill and Lathe

Business

- Micro and Macro-Economics, Financial Accounting, Supply Chain Management, Marketing, Organizational Behavior, Quality Management Systems, Project Management, Production Planning and Control

Leadership Experience

RESIDENT ASSISTANT

August 2015 – Present

Miami University Office of Residence Life

Oxford, OH

- Voluntarily planned, organized, and executed training sessions, weekly staff meetings, and day to day activities while supervising Resident Director was unavailable or on parental leave.
- Responsible for the guidance, support, safety, and growth of 27-32 second year residents to prepare them for the rest of their academic career
- Organized hall events based on the four parts of the Residence Hall curriculum; Academic Success, Intercultural Awareness, Effective Community Engagement, and Personal Development
- Served in a duty rotation. During a 12-hour night shift where I am responsible for; response to resident crisis situations, health and safety concerns, policy violations, and disruptive student issues.
- Developed, supported, and managed Student Created Living Learning Communities
- Responsible for the design and management of Hall social media accounts and postings
- Assisted in the hiring process for new Resident Assistants and Resident Directors
- Responsible for conflict mediation and resolution amongst residents by establishing healthy communication
- Coordination of the Community Leadership Team. CLT is a body of residents that aid in the development of their community through the planning of programs, and effective use of hall funds to purchase needed items for the hall.

MIAMI UNIVERSITY

- Member of the National Society of Leadership and Success (NSLS)

May 2015 – Present

- Active member of Alpha Phi Omega Co-ed Service Fraternity

September 2017 – Present

- 20+ hours of service per semester in the areas of Campus, Community, Nation, Leadership, and the Fraternity

- Nominated to the National Residence Hall Honorary for exemplary work and leadership

Spring 2016

- Study abroad to Monterrey, Mexico for service projects with Back2Back Children's Home

January 2017

- College of Engineering and Computing Academic Dean's List

Fall Semester 2017

- One of 50 Seniors to be nominated to receive the President's Distinguished Service Award

February 2018

- Received the Senior Service Leadership Award for commitment to campus life

April 2018

- Received the Employee Service Leadership Award for commitment to campus life

April 2018

BOY SCOUTS OF AMERICA

February 2007- May 2017

- Eagle Scout - planned and lead 160 hours of service for Eagle Project

August 2012-May 2013

- Inducted into the Order of the Arrow, Scouting's Honor Society

April 2010

- Member of the National Eagle Scout Association

October 2013