‍Jessica Glass

7026 Maple Ave. Cincinnati, OH 45243 | 513-484-5254 | glassjp@mail.uc.edu

Education

Aerospace Engineering | University of Cincinnati Class of 2017

**GPA: 3.1/4.0**

Minor in Mathematics

Dean’s List Fall 2012, Spring 2014

Mathematics | Western Carolina University [2011-2012]

**GPA: 3.5/4.0**

Athletic Soccer Scholarship

Dean’s List Fall 2011

Madeira High school| [Graduated may 2011]

**GPA: 3.8/4.0**

Experience

UNDERGRADUATE RESEARCH – LABORATORY FOR TEMPORAL LOGIC | UNIVERSITY OF CINCINNATI | SPRING 2015 – PRESENT

Placed on a project under the direction of Dr. Kristin Rozier which focuses on the design and implementation of UAS system health management software, involves designing a modular UAV made specifically to accommodate the system health management hardware, developing an understanding of formal methods by reading previous related work

ENGINEERING CO-OP | TECT POWER | SUMMER 2015

Learning 3D design in Siemens NX, working in the quality department to implement continuous improvement projects, using the A3 process in order to solve large-scale problems

ROBOTICS ENGINEERING CO-OP | TECT POWER | Fall 2014

Gaining detailed knowledge of manufacturing procedures, manual robotic point programming, participating in continuous improvement projects, use of Minitab statistical software to generate CPK analysis, analyzing data for the development of sheath/MLE

Skills & Abilities

COMPUTER SKILLS

Programming and data manipulation experience in MATLAB and Simulink, familiarity with programming in LabVIEW, Minitab Statistical Software, 3D design in Siemens NX, understanding of Linux operating system, exposure to C++, skilled in Microsoft Office programs including Microsoft Word, Excel and PowerPoint

RELEVANT COURSEWORK

Intro to Logic, Probability & Statistics, Differential Equations, Dynamics, Aerodynamics, Gas Dynamics, Modeling & Simulation of Dynamic Systems, Integrated Aircraft Engineering, Numerical Methods in Engineering Design, Statics & Basic Strength of Materials

Affiliations & Awards

CURRENT & PREVIOUS

University of Cincinnati Women’s Club Soccer [2013-present]

NCAA Division I Women’s Soccer [Western Carolina University 2011-2012]

Year-round competitive soccer [Cincinnati Classics Hammer F.C. 2001-2011]

Ohio High School State Championship in Women’s Soccer [2010]