Troy Meadows

2906 Short Vine St. Apt. 401 | Cincinnati, OH 45219 | (614) 586-3666 | meadowts@mail.uc.edu |
www.linkedin.com/in/meadowstroy | https://github.com/troymead

EDUCATION

University of Cincinnati, Cincinnati, OH — May 2022
Bachelor of Science, Computer Science — GPA: 3.434
Awards: Dean's List Fall 2017, Summer 2019; Cincinnatus Scholar, Emerging Ethic Engineers Scholar, GE Leadership in Diversity & Inclusion Scholar
Relevant Coursework: Computer Science I (C++), Linear Algebra, Data Structure, Introduction to Computer Systems, Python Programming, Probability & Statistics I, Discrete Computational Structures, Programming Languages

TECHNICAL SKILLS

Programming Languages: Python, C++, MATLAB, Java, HTML + CSS, C#, JavaScript
Software: Git, XCode, IBM Rational DOORS, IBM Rational Change
Operating Systems: MacOS, Windows 7, Windows 10, Linux (basic knowledge)

EXPERIENCE

GE Aviation – Engines — West Chester, OH
Software Engineering Co-op — Aug 2019 – Dec 2019
- Contributed to the development of the Full Authority Digital Engine Control (FADEC) System on the GE9X Engine Software Team
- Assisted with software tool qualification required by DO-330 which was needed prior to engine certification
- Conducted 5 test case reviews on new function implementations as a part of the formal software testing effort used as a part of the overall engine Part 33 certification

GE Aviation – Aviation Systems — Grand Rapids, MI
Software Engineering Co-op — Jan 2019 – May 2019
- Worked on the Civil Unmanned Air Systems Team (Research and Development)
- Created two tools using Python to assist the team in visualizing and interpreting data and aid in vehicle configuration
- Executed tests and composed documentation on how to build and run certain tools and software

LEADERSHIP

Management Leadership for Tomorrow (MLT) — Washington, DC
Career Prep Program Fellow — Feb 2020 – Present
- Selected as one of 410 for an 18-month professional development program for high-achieving diverse talent
- Complete business case studies and intensive assignments to hone analytical, quantitative and communication skills
- Participate in conferences hosted by industry leaders, such as Deloitte, LinkedIn, Goldman Sachs, Procter & Gamble and Target

National Society of Black Engineers (NSBE) – Secretary — April 2018 – Present
- Oversee the chapter's communication zone through maintaining the event calendar, monitoring social media pages and keeping the office tidy
- Lead a team of four students to develop a website for the chapter using HTML, CSS, and JavaScript
- Send at least one email per week to over 100 subscribers containing information about upcoming meetings, scholarship and networking opportunities, and volunteering activities

United Black Student Association Leadership Committee – Secretary — Jan 2018 – April 2018
- Planned programs dedicated to increase interest in the organization throughout campus
- Hosted an event to get high school students familiar with life at the university

AVAILABILITY: Seeking a co-op or internship for Summer 2020