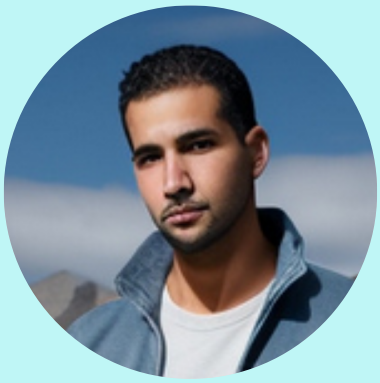

Brandon Eisenberg

Control Systems Electrical Engineer

CONTACT

(385) 868-7890

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United States, Temple Hills, MD 20031

EDUCATION

2013 - 2017

Bachelor of Science in Electrical Engineering

University of Maryland at College Park, United States

Certified Automation Professional

International Society of Automation, 2022

PLC Programming Certification

Siemens, 2021

PROFESSIONAL SUMMARY

Dedicated Control Systems Electrical Engineer with over 6 years of experience in designing, implementing, and optimizing control systems for various applications. Proficient in programming PLCs, developing control algorithms, and conducting system analysis to enhance performance and reliability.

EXPERIENCE

Control Systems Engineer 2021 - Now

General Electric (GE) Aviation, United States, Washington, D.C.

- Design and implement advanced control systems for aircraft engine testing, improving test efficiency by 30%.
- Develop and optimize control algorithms for various systems, including fuel management and environmental controls.
- Collaborate with cross-functional teams to ensure system integration and performance compliance with industry standards.
- Conduct root cause analysis on system failures, implementing corrective actions that resulted in a 25% reduction in downtime.

Junior Control Systems Engineer 2018 - 2021

Honeywell International, United States, Columbia, MD

- Assisted in the development and testing of control systems for industrial automation applications, focusing on PLC programming and HMI design.
- Conducted system simulations and performance evaluations to optimize control strategies for HVAC and manufacturing systems.
- Supported installation and commissioning of control systems at client sites, ensuring adherence to specifications and project timelines.
- Maintained technical documentation and reports for system design and performance analysis.

SKILLS

- Proficient in MATLAB/Simulink, LabVIEW, and AutoCAD
- Experienced with various PLCs (Siemens, Allen-Bradley)
- Familiar with C/C++ and Python programming for control applications
- Knowledge of SCADA systems and industrial communication protocols (Modbus, Profibus)