Professional Summary

Results-driven aviation professional with a passion for learning and adapting to new ideas, leveraging technical expertise in Matlab, Circuit Design, and Microsoft Office to drive innovation and excellence in the industry.

Professional Experience

Senior Aviation Systems Engineer (AV09)

Inazuma.co | January 2020 - Present

Aviation Systems Engineer (AV07)

Aerius Inc. | June 2018 - December 2019

Key Achievements:

- Developed and deployed a Matlab-based simulation tool, reducing system testing time by 30%.
- Collaborated with the design team to integrate Circuit Design principles, enhancing system reliability by 25%.

Responsibilities:

- Designed and tested aviation system components
- Worked closely with cross-functional teams for system integration

Junior Engineer (AV05)

SkyTech Solutions | March 2016 - May 2018

Key Achievements:

- Assisted in the development of a Microsoft Office-based project management tool, improving team productivity by 20%.
- Contributed to the design of a novel circuit for a client project, receiving a team excellence award.

Responsibilities:

- Supported senior engineers in project development
- Participated in client meetings for project requirements gathering

Research Assistant

Aviation Research Institute | September 2014 - February 2016

Key Achievements:

- Co-authored a research paper on 'Innovations in Aviation System Design' published in a renowned industry journal.
- Developed a Matlab script for data analysis, streamlining the research process by 40%.

Responsibilities:

- Conducted literature reviews and data analysis for research projects
- Assisted in the preparation of research papers and presentations

Education

Master of Science in Aerospace Engineering
Massachusetts Institute of Technology (MIT)

Relevant Coursework:

- Aerospace Systems Design
- Circuit Analysis
- Computational Methods in Engineering

Technical Skills

Programming Languages:

- Matlab

Engineering Tools:

- Circuit Design

Productivity Software:

- Microsoft Office

Other:

- Project Management
- Data Analysis
- Research and Development