Michael **Woods, P.Eng.**

ELECTRICAL AND ELECTRONICS ENGINEER · EMBEDDED DEVELOPER

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Company Recruitment Team *February 26, 2023*

INITECH INC.

4120 FREIDRICH LN.

AUSTIN, TX 78744

Job Application for Middle Manager

Dear Mr./Ms./Dr. LastName,

About Me

I am an electrical and electronics engineer with 12 years of experience in a variety of sectors including clean energy, embedded systems, and robotics. I've been the director of Electrical Engineering and R&D at my current company since the beginning of 2021 and I'm passionate about hardware and embedded design.

Why Initech?

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Why Me?

In addition to my experience in a hardware startup,I feel my technical background matches up closely with the requirements for this role in that I have: - A passion for clean tech and have helped design a 99MW wind farm as well as developed a 1.5MW hydrogen fuel cell distributed generation system. - I have strong experience with motor drives, motion controls, and power electronics. - I have experience designing PCBs in Altium Designer and KiCAD. - I'm am experienced in firmware design in embedded C/C++ as well as bare metal driver development on STM32 MUCUs. - I have done many hobby projects that incorporate development boards (arduino, ESP32, ESP8266) and Raspberry PI and posess some minimal UI coding experience: Of note is a home automation server and website I developed on PI and used ESP8266 SoC to enable remote access to my apartment buzzer from an iOS device or web interface.

Sincerely,

Michael Woods, P.Eng.

Attached: Curriculum Vitae