Intern Connect

AI Engineer

(123) 456-789 | internconnect@gmail.com
Github: www.github.com/internconnect

EDUCATION

University of California, Berkeley – Berkeley, CA

Bachelor of Science in Computer Science

Expected Graduation Date: May 2024

Cummulative GPA: 3.90/4.00

• Relevant coursework: IoT Architecture and Protocols, Embedded Systems Programming, Wireless Communication Technologies

SKILLS

• Languages: Python, C, JavaScript, Java, MQTT
• Tools: Arduino IDE, Raspberry Pi, Node-RED, AWS IoT Core, LoRaWAN

EXPERIENCES

IoT Developer Intern

IoTech Innovations | San Jose, CA | Jan 2023-Mar 2023

• Developed a smart agriculture system, optimizing irrigation and crop health monitoring
• Implemented secure communication protocols for IoT devices, ensuring data integrity and privacy
• Collaborated with hardware engineers to design energy-efficient IoT devices

Research Assistant

UC Berkeley IoT Lab | Oakland, CA | Sep 2022-Dec 2022

• Designed a prototype for a smart city lighting system, reducing energy consumption by 25%
• Conducted experiments on low-power wide-area networks (LPWAN) for IoT applications
• Presented a seminar on 'IoT Security Challenges and Solutions' to students and faculty

IoT Design Intern

NexaTech Solutions | San Francisco, CA | Jun 2022-Aug 2022

• Assisted in developing firmware for smart home devices, integrating with popular smart assistants
• Designed user dashboards for real-time data visualization and device control
• Collaborated with UX/UI designers to ensure intuitive user interactions with IoT platforms

PROJECTS

Smart Health Monitoring Wearable

• Developed a wearable device to monitor vital signs and alert users of anomalies
• Integrated the device with a mobile app for real-time health tracking and insights

Smart Health Monitoring Wearable

• Designed an IoT-based system to monitor and manage traffic flow in urban areas
• Implemented machine learning algorithms to predict traffic patterns and optimize signal timings