

Sushmit Dutta(He/Him)

ENGINEER

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PROFILE

Work at the intersection of engineering disciplines to be able to find levers in the system alongside exceptional teammates. Focus on energy storage systems, grid transmissions, and exploring avenues to increase energy access. Passionate about talking to people to understand their needs, and values.

WORK EXPERIENCE

2023 - Present

Lunar Energy | CA

Systems Integration Engineer

- Program Lead / Architected: UL 1741 Power Control System (PCS), 15kWh System Configuration, Weather Watch, and Fleet Management
- Built and trained the service and installation team to scale fleet operations
- Traveled to establish relationships with overseas contract manufacturers (CMs) in India and China to mitigate timeline risks
- Created AWS Lambda functions to gather CAN logs from remote sites
- Generated JIRA workflow to streamline cross-team testing
- Piloted the use of Machine Learning / AI Platforms to analyze customer sites

2023 - 2024

Datum Agriculture | MA

Co-Founder

- Mission: Simplifying regulations for aquaculture farmers in the Northeast

2023 - 2024

ALP Technologies | MA

Scrum Leader

- Piloted the lean methodology to turn company prototype into product through two week sprints
- Led conversations to scale manufacturing by co-designing with in-house engineers and factories
- Coordinated with accelerators for Seed A funding to build a test facility and manufacture initial prototypes

Summer 2022

Accenture | NY

Sustainability Consulting

- Reported on Environmental, Social, and Governance (ESG) outlooks of banks in South East Asia
- Developed ESG comparison metric to rank companies in their respective fields
- Presented research at Strategic Point conference in Singapore to represent Accenture

EDUCATION

Systems Engineering (Bachelor of Science)

Olin College of Engineering | MA

Relevant Coursework: Technology-Venture Capstone, Principles of Systems Engineering, User Experience Design, Mechanical Systems, Computer Architecture, Discrete Math

PROJECTS

National Science Foundation Fellow

Created an Agriculture Data Management platform targeted to specialty crop owners with direct customers

Rocketry Recovery Team Lead

Led a successful re-design and fabrication of the recovery system based on competition requirements on a team of four engineers

Autonomous Ramen Maker

Built a ramen-bot with four friends that would accept orders over text message

SKILLS

Critical: Ideation, Systems Thinking, Adaptable, Collaborator, Self-Starter

Software: Python, Docker, AWS, CANape, Grafana