

Xiao Fischer

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SUMMARY

Dedicated Technical Program Manager with two years of experience, thriving in the intersection of energy markets and software development lifecycle (SDLC). Demonstrated ability to lead cross-functional projects from inception to completion by collaborating effectively with diverse teams. Actively identifying risks and refining communication strategies to keep stakeholders informed is a priority, ensuring project goals are clear and achievable. Developed expertise in demand response and communication protocols while creating innovative solutions that foster clean energy initiatives. Eager to leverage this background at GreenTech Solutions and contribute positively toward ambitious energy growth objectives.

EXPERIENCE

Technical Program Manager

June 2025 - Present

University Research Lab

Seattle, WA

Overseeing diverse energy software development initiatives as Technical Program Manager, coordinating efforts across various teams while promoting collaboration and efficiency for successful project outcomes.

- Spearheaded multiple energy software development projects, coordinating cross-functional teams to enhance project delivery.
- Collaborated with engineering and commercial teams to identify requirements and manage project scopes, ensuring alignment with stakeholders.
- Conducted risk assessments and established mitigation strategies, resulting in successful project completion within deadlines.
- Facilitated communication between internal teams and external partners to operationalize cutting-edge energy solutions.
- Led development initiatives focused on load flexibility and demand response capabilities, increasing operational efficiency.
- Presented findings and recommendations to senior management, influencing key decisions on project direction and resource allocation.

Program Coordinator

July 2024 - May 2025

Tech Innovators, Inc.

Portland, OR

Played a crucial role in program coordination, maintaining timely execution of cross-team projects while supporting the entire software development lifecycle.

- Assisted in the management of cross-team projects, ensuring timely completion and adherence to specifications, enhancing overall productivity.
- Supported the software development lifecycle by coordinating project timelines and deliverables among various stakeholders.
- Engaged with external vendors for program execution, streamlining processes and enhancing collaboration.
- Developed project roadmaps and communicated updates regularly to keep all parties informed of progress and challenges.
- Identified opportunities for process improvements, contributing to a reduction in project turnaround time.
- Organized training sessions for team members on best practices in program management and energy software solutions.

LEADERSHIP & AWARDS

- Dean's List, University of Washington, 2024-2026
- Recipient of the Energy Innovation Award, Tech Innovators, Inc., 2025

EDUCATION

Bachelor's Degree in Engineering

2026

University of Washington GPA: 3.8

Seattle, WA

Coursework: Electrical Systems, Renewable Energy Sources, Software Development, Project Management

CERTIFICATIONS

- Certified ScrumMaster (CSM) 📅 2025
- Project Management Professional (PMP) 📅 2026

TECHNICAL SKILLS

- **Project Management Tools:** Trello, Asana, JIRA
- **Development Methodologies:** Agile, Waterfall, Scrum
- **API Standards:** IEEE 2030.5, OpenADR, REST
- **Communication Tools:** Slack, Zoom, Microsoft Teams
- **Programming Languages:** Python, JavaScript, HTML/CSS
- **Energy Software Solutions:** HOMER, PVsyst, RETScreen
- **Cloud Platforms:** AWS, Azure, Google Cloud

- **Data Analysis Tools:** Excel, Tableau, R
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Virtual Environments:** Docker, Kubernetes, Vagrant

SKILLS

- Program Management
- Software Development Lifecycle (SDLC)
- Demand Response
- API Integrations
- Risk Management
- Cross-Functional Collaboration
- Stakeholder Engagement
- Requirements Gathering
- Project Scheduling
- Energy Markets
- Power System Operations
- Communication Protocols
- Data Analysis
- Project Execution
- Technical Documentation
- Software Solutions

PROFESSIONAL AFFILIATIONS

- Member, Energy and Sustainability Club, University of Washington
- Volunteer, Habitat for Humanity, 2024-2026

LANGUAGES

- English (Native)
- Mandarin (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST