

Contact

San Francisco, CA
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www.linkedin.com/in/pollardld
(LinkedIn)
ecotrust.org (Company)
github.com/pollardld (Portfolio)
codepen.io/pollardld (Portfolio)

Top Skills

Full-Stack Development
JavaScript
Python (Programming Language)

Certifications

Machine Learning Foundations: A
Case Study Approach
Cross Functional Collaboration
Deep Learning with PyTorch : Object
Localization
Machine Learning: Classification
Linear Regression with Python

Honors-Awards

Mike Gibbs Memorial Endowed
Soccer Scholarship
President's Dean List
Atlantic Sun Conference All
Academic Team

David Pollard

Managing Software Engineer @Ecotrust |
San Francisco, California, United States

Summary

David Pollard brings together ecology, power, society, and technology to sustain land, water, life, and local economies. As a Software Engineer and member of Ecotrust's Leadership Team, he combines coding with strategic leadership.

David's works spans computer science, research, data science, artificial intelligence, machine learning, data engineering, management, and a variety of ologies (ornithology, bryology, and many more). Highlights include Ecotrust's AI policy, shaping organizational software vision, delivering success software for public good, and ecosystem restoration through software engineering. David has made major contributions to organizational culture and operations through his service on the Benefits, Climate, and People & Culture Committees, and through cross-program collaboration.

David is known for being capable, creative, and curious. He challenges the status quo and improves standards. His goal is to build open-source technology that advances ecological and social well-being for everyone.

Experience

Ecotrust

9 years 3 months

Managing Software Engineer

January 2025 - Present (10 months)

San Francisco, California, United States

Responsible for leading research into integrating emerging software engineering and data science technologies into existing products.

Member of Ecotrust's Leadership Team.

Co-led strategy through political instability that jeopardized a third of Ecotrust's revenue, preserving all programmatic activities and full staffing.

Senior Software Developer

January 2021 - February 2025 (4 years 2 months)

San Francisco, California, United States

Co-created strategic plan for long-term growth and improvement of software team.

Led software initiatives on three multi-year pan-disciplinary campaigns, resulting in \$3M+ in grants and measurable ecological outcomes.

Supported Indigenous Data Sovereignty through co-creation of open-source software and providing free technical support

Software Developer

January 2018 - January 2021 (3 years 1 month)

San Francisco, California, United States

Developed a data-driven tool modeling species migration under climate change, integrated into the National Climate Assessment.

Developed climate-change modeling tool integrated into the National Climate Assessment, informing policy decisions affecting all American marine ecological habitats.

Enabled decision-makers on salmon recovery through accessible modeling of ecological systems in land management scenarios.

Reported on fishing communities perspectives of California Marine Protected Areas effectiveness.

Software Experience Developer

August 2016 - January 2018 (1 year 6 months)

Portland, Oregon, United States

Built offline-first apps adopted by tribal governments and the United States Forest Service (USFS), enhancing civic participation by 30%.

Implemented new messaging platform, saving \$5,000+ annually and significantly improving internal communication efficiency.

Alta Planning + Design

Full Stack Engineer

March 2014 - August 2016 (2 years 6 months)

San Francisco, California, United States

Designed interactive transportation planning tools used by over 600,000 residents, increasing community participation by 40%.

Introduced DevOps practices, cutting software deployment times by 30% and reducing system downtime by 20%.

Bisk Education

Front End Developer

January 2012 - March 2014 (2 years 3 months)

Tampa, Florida, United States

Created a front-end framework for an online education platform, improving accessibility and user experience for students across several universities.

Tonbridge Angels Football Club

Player / Intern Coach

August 2010 - February 2011 (7 months)

Tonbridge, England, United Kingdom

Combined internship assisting reserves team manager and playing.

Education

University of North Florida

Bachelor's degree, Sport and Fitness Administration/Management · (January 2006 - February 2012)

St. Petersburg College

Computer Science · (January 2010 - May 2013)