Lindsay Wilson

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QUALIFICATIONS SUMMARY

Dynamic and flexible fullstack software engineer with a background in physics. Seeking an opportunity to collaborate on and solve diverse problems. Looking to align my skills with my passions in a company who also shares my values for social and environmental justice.

CORE QUALIFICATIONS

- Currently enrolled in competitive bootcamp for web development
- 2+ years of industry experience at Los Alamos National Lab and personal work.
- Computer science, data processing, and analytic skills developed at Los Alamos National Lab
- Self taught web development skills leveraging Django to build back-end, database, and frontend features
- Cutting edge Astrophysics research experience in computer modeling, data processing, and analysis
- Leader and organizer in classroom and professional environments

EDUCATION

Ada Developers Academy, *Web Development Bootcamp,* Atlanta, GA Winter 2023 - Present

- Built fully functional iOS app Mealify as a capstone project to demonstrate new skills.
- Building full stack skills including back-end, flask, api use, CSS, HTML, front-end, react, Django etc.
- Intensive full-stack software development training program with a <10% acceptance rate
- Over 2000+ learning hours and 20+ projects delivered in solo, pair, and group environments

Pitzer College, *Bachelor of Arts,* Claremont, CA Spring 2019

- Graduated with Honors in Physics
- Major: Physics; Minor: Spanish
- GPA 3.68/4.0

PROFESSIONAL TECHNICAL EXPERIENCE

Data Engineer and Web Developer, *Los Alamos National Lab*, NM Winter 2019 – Winter 2021

- Designed and built 3 web applications for streamlining internal needs. Web apps primarily processed forms and integrated with jira and confluence APIs.
- Built testing suite for data processing infrastructure with nearly full coverage for the unit tests.
- Contributed to data processing of satellite data from binary level 0 data to level 1 data
- Troubleshot coding problems independently with google and mentors to keep projects moving forward

Lead Research Assistant to Dean Ulysses Sophia, *Keck Science Department***,** *Pitzer College* Summer 2018

- Independently developed a model for solar activity using magnetic field data and IDL enabling groundbreaking manipulation and analysis techniques for future satellite flight dynamics calculations
- Implemented large sets of satellite data from SILSO into the data model

Teaching Assistant, *W. M. Keck Science Physics Department, Pitzer College* September 2016 – May 2017

- Interfaced with the professor and students by grading problem sets and assignments for Intro Physics class

SKILLS AND CONTINUING EDUCATION

Language: Conversant in spanish

Post Graduate Courses/Certifications: Enthought: Python for Machine Learning (2021)

Technical: Python, HTML, CSS, Javascript, Github, Django, Confluence, Jira, Flask, Zoom, Maple, MATLAB, Excel, PowerPoint, React, React Native,