

# Mary Lueder

Orlando, FL  
Open to relocation

Software Engineer with education and project management experience in the environmental and conservation space. Seeking challenging and engaging work that will make a positive difference in the world.

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[Portfolio](#) [LinkedIn](#)  
[GitHub](#)

## EXPERIENCE

### The Opportunity Project 2023 — *Sprint Participant Intern*

MAY 2023 - PRESENT

- ❖ Collaborating with a team of 15+ Software Engineers, UX/UI Designers, and Data Scientists on a collaborative initiative led by the US Census Bureau, the US Department of Commerce, and the FDA.
- ❖ Utilizing React to develop and deploy applications for a project that empowers consumers (patients) by providing them with knowledge of privacy and security regarding their health data.

### General Assembly — *Software Engineering Immersive Student*

NOVEMBER 2022 - MARCH 2023

- ❖ Full-stack software engineering 420+ hour program
- ❖ Learned product development fundamentals, object-oriented programming, MVC frameworks, data modeling
- ❖ Collaborated with peers and instructors and learned team collaboration strategies.

### The Walt Disney Company, Orlando, FL

#### Disney's Animal Kingdom: Primate-Carnivore Team

#### *Environment, Husbandry and Conservation Specialist - Tier 2*

JUNE 2016 - NOVEMBER 2022

- ❖ Created learning materials for front-line partners to teach them about the animals and the way we manage them
- ❖ Collected and analyzed long-term behavioral data into visual reports to identify patterns in behavior
- ❖ Reviewed and approved proposals for Disney Conservation Fund grants and ensured alignment with company mission and values
- ❖ Mentored and trained others in technical skill & leadership development, and served on interview committees for candidates

#### *Husbandry and Conservation Specialist - Tier 3*

DECEMBER 2013 - JUNE 2016

## SKILLS

React JS  
Next.js  
Tailwind CSS  
JavaScript / CSS / HTML  
Express.js  
Node.js  
TypeScript  
JSON APIs  
RESTful routing  
SQL / PostgreSQL  
MongoDB  
Postman

## EDUCATION

### Washington University in St. Louis

2006 — 2010

B.A. in Environmental Studies

### General Assembly

2022-2023

Software Engineering  
Immersive Certificate

### UC San Diego

2018 — 2020

Certificate in Sustainability &  
Behavior Change

- ❖ Led a team of 8 to develop, implement, and improve environmental efforts for my department
- ❖ Designed and developed complex animal management programs to better align management goals with best scientific practices
- ❖ Diverse experience in managing projects, organizing and analyzing data, and implementing training principles

### ***Zoological Husbandry Specialist - Hourly***

JANUARY 2011 - DECEMBER 2013

- ❖ Built competency in multiple demanding roles and work locations, including animal care, guest education, and safety-critical areas

### **HOBBIES**

Volunteering

Psychology

Wildlife

Yoga

Triathlons

Music

Mindfulness

Dog training