

Mary Lueder

Orlando, FL
Open to relocation

Software Engineer with 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](#)

PROJECTS

[Rec Drop](#) — *React, Express, Node, MongoDB*

A group project; an app for finding and sharing book, movie, and music recommendations

- ❖ Frontend development and scrum management
- ❖ Troubleshooting and pair-coding with peers
- ❖ Photo uploads, CRUD, and JWT authentication and authorization

[Pup Trainer](#) — *Typescript, React, Express, Node, PostgreSQL*

A full-stack app to connect dog owners with high-quality, free dog training resources

- ❖ Developed the backend API and built and maintained the database
- ❖ Photo uploads, full CRUD, JWT authentication

[Zoo Tracker](#) — *Express, Node, MongoDB*

CRUD app for animal care professionals

- ❖ Created an app to streamline workflow and team communication
- ❖ Implemented full CRUD and Google OAuth authentication and authorization

EXPERIENCE

The Opportunity Project 2023 — Sprint Participant

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

SKILLS

React
TypeScript
SQL / PostgreSQL
Express.js
Node.js
MongoDB
RESTful routing
JSON APIs
Google OAuth
JWT Token Auth
Postman
JavaScript / CSS / HTML

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

- ❖ Collaborated with peers and instructors and learned team collaboration strategies.

The Walt Disney Company: Primate-Carnivore Team **Disney's Animal Kingdom, Orlando FL**

Zoological Husbandry and Environmental Specialist – Tier 2

JUNE 2016 - NOVEMBER 2022

- ❖ *Species: gorilla, mandrill, Sumatran tiger, white-cheeked gibbon, siamang, lion-tailed macaques, meerkat, Malayan flying fox*
- ❖ Led a team of 8 to improve environmental efforts for my department
- ❖ Diverse experience in managing projects, organizing and analyzing data, and implementing training principles
- ❖ Mentored and trained others in technical skill & leadership development, and served on interview committees for candidates

Zoological Husbandry and Environmental Specialist – Tier 3

DECEMBER 2013 - JUNE 2016

- ❖ Designed and developed complex animal management programs to better align management goals with best scientific practices
- ❖ Created learning materials for front-line partners to teach them about the animals and the way we manage them

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
- ❖ Collected and analyzed long-term behavioral data into visual reports to identify patterns in behavior

HOBBIES

Psychology

Wildlife

Yoga

Triathlons

Music

Mindfulness

Dog training