

# Trace DeLange

[delangedev.com](http://delangedev.com) / [tracedelange@me.com](mailto:tracedelange@me.com) / (952) 715-0683 / Minneapolis, MN

---

## ABOUT

Adaptable and highly motivated graduate from the University of Oregon majored in Biological Sciences. Adept at thinking outside of the box and capable of functioning in rapidly changing conditions as an effective problem solver and team player. First-hand industry experience in both laboratory and software settings provides a dynamic and robust set of technical skills ranging from designing collaborative data-driven full-stack applications to serving as a member of a highly effective team of laboratory staff.

---

## CORE COMPETENCIES

- Python, JavaScript, Ruby
- React, Rails, Flask
- Database Management (PostgreSQL, Firebase, MySQL)
- Cloud hosting solutions (Heroku, AWS, Firebase, GH Pages)
- Full-Stack Development
- Test-Driven Development Practices
- Cloud hosting solutions (Heroku, AWS, Firebase, GH Pages)
- Effective Verbal and Digital Communication
- Strong Organizational Skills
- Scientific Literacy
- Attention to Detail

---

## INDUSTRY EXPERIENCE

### Freelance Developer

1/2020 – Present

- [Impromptu](#)
  - Created a fully functional admin portal with CRUD capabilities as a contracted consultant.
- [Waconia Brewing Company](#)
  - Developed backend infrastructure to autonomously process sales reports from three unique distribution sources into a firebase server.
  - Developed a customer-facing front-end tool which displays geolocation information about where to locate products based on recent sales reports, serving 1000+ users per month on average.
- [Clean Planet Project](#)
  - Developed backend python scripts to aggregate database statistics.
  - Created APIs to serve database statistics to mobile app and organization website.

### American Preclinical Services

8/2020 – 6/2021

*Pathology Technician*

- Support and perform necropsy procedures, including complete necropsies and perfusion procedures.
- Assist and perform routine gross examination as required by GLP standards and perform accurate record keeping.
- Collect, organize and archive GLP regulated proprietary medical device data on both physical and digital mediums.
- Assist in the coordination of study tasks from pre-initiation to study completion.
- Perform photography and high-resolution x-ray imaging/ film development.
- Maintain proficiency in all appropriate designated departmental SOPs with knowledge of lab processes.
- Maintain a clean, GLP compliant lab while ensuring all logbooks are reviewed and correct, as well as maintenance of laboratory equipment per applicable SOPs.

---

## EDUCATION

### Flatiron School

#### **Software Engineering Student**

6/2021 – Anticipated Graduation 10/2021

- Extensive software engineering coursework with an emphasis of development in the context of modern web infrastructure.
- Coursework includes developing full-stack applications using in-demand frameworks such as React, Rails and Flask as well as 1500+ hours of hands-on experience building web-based applications and mastering OOP, RESTful and DRY practices.
- Develop collaborative projects with classmates using industry standard communication and version control tools such as Git, Trello, and Slack.

### University of Oregon

#### **Bachelor of Science, Biology: Awarded March 21st, 2020**

Sep. 2016 - Mar. 2020 - Eugene, OR

- Comprehensive education in scientific data management with both MATLAB and Python frameworks (Pandas, Numpy, Matplotlib, etc.).
- Upper division microbiological labs with emphasis on tabletop assays including PCR, Electrophoresis, Biochemical Assays, Mutagenesis, Chromatography, Inoculation, and culture transfers.