

# NICOLE LAWRENCE

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## Education:

### **Brigham Young University-Idaho, BS - Software Engineering**

Graduated 2023

### **Brigham Young University-Idaho, AA – General Studies**

Graduated 2011

### **Brigham Young University, BA – Latin Teaching (partial)**

Attended 2001-2004

## Skills:

Backend:

Python, JavaScript, C++, GitHub, Bash, Java, PHP, XML, jQuery, XQuery

Frontend:

HTML, CSS, Bootstrap, React JS, Angular JS, Flutter, Node JS, TypeScript

Databases:

SQL, PostgreSQL, MySQL, MongoDB, Firebase, Heroku

Tools:

VS Code, JetBrains IDEs, Git, NPM, Storybook

Soft Skills:

- Creative problem solver
- Organized and analytical thinker with an eye for important details
- Understanding of software testing & computer security principles
- Humanities and foreign language background
- Outstanding writer and content creator
- Experience with editing & proofreading

## Experience:

### **ICS Web Development Intern · The Church of Jesus Christ of Latter-Day Saints.... Aug. 29 – Dec. 29 2022**

Full-time paid remote internship working on the [www.comeuntochrist.org](http://www.comeuntochrist.org) team:

- Worked extensively on high-priority form-enhancement project:
  - Improving site-wide mobile-readiness in form components by
    - implementing input field modifications
    - including transitioning to adaptive floating labels,
    - styling bigger, more compact form fields.
- Implementing feature enhancement and deprecation.
- Effectively streamlining site by Identifying, reporting, and repairing frontend bugs.
- Consistently completing system maintenance tasks by deadline.

- Working effectively with team members in an Agile environment.
- Effective at collaborating with design team to implement component requirements.

**Internship Class Teaching Assistant (TA) · BYU-Idaho CSE Dept ..... Apr. 2021-Jul. 2021**

- Grading student assignments.
- Coordinating with instructor and TA team in an Agile environment.
- Organizing and analyzing internal summary reports to track and improve the course and show course effectiveness.

**Software Testing Teaching Assistant · BYU-Idaho CSE Dept. .... Apr. 2021-Nov. 2021**

- Collaborated with Supervisor/Professor to create course content for online/on campus classes.
- Curating, proofreading, and editing course content to help improve course success.
- Collaborating with instructor to create new and updated course content.

**Proofreader · The Good & the Beautiful .....2018-2019**

- Proofreading original K-12 curriculum grammar, and punctuation to prevent errors in final product.
- Inspecting curriculum for consistency of page layout and design prior to publication.

**Python Tutor · BYU-Idaho CSE Department ..... 2018-2019**

- Successfully tutors on-campus CS101 students in Python 3.
- Effectively tutors BYU-Idaho Pathways online students over Zoom to ensure students can independently complete course work.
- Works independently in off-hours to efficiently teach Codecademy.com courses and proficiency in Python 2.

## Volunteer:

**Tech Fest Volunteer · Madison Middle School (Rexburg, ID) ..... 2023**

- Volunteer in the Scratch & Scratch Jr. area at annual technology fair
- Responsible for directing students and their families in the available devices and accessing Scratch/Scratch Jr. via mobile and browser apps.
- Had fun tutoring K-8 students in programming fundamentals and logic!
- Provided information for interested parents and excited students to access Scratch/Scratch Jr. from home devices.

**IEEEEXTREME · BYUI-Idaho Team 'Coded' ..... 2019**

- Participated with team in the 24-hour IEEE Code Challenge.
- Team placed 15th of the 50 teams in Region 6 (Western US) and 579th worldwide.

**Treasurer/ Board Member · BYU-Idaho Society for Women Engineers (SWE).....2018-2019**

- Coordinates and helps execute organization event.
- Responsible for purchasing event supplies.
- Manages SWE local chapter financial records and provided Nutella.