

Nathan Taylor

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EDUCATION

Oregon State University—Corvallis, Oregon / Online B.S. Computer Science (in progress)	Fall 2020 - Spring 2022
University of Oregon—Eugene, Oregon M.S. Mathematics	Fall 2017 - Spring 2019

PROJECTS

Continuous Resume Designed a continuous delivery system for my resume. Resume data is stored in a MongoDB database. A python program then inserts selected resume data into several Jinja templates, which are processed into a LaTeX resume, HTML resume, Markdown resume, and plaintext resume. When I push changes in my resume to GitHub, a webhook sends a POST request to a server I configured. The server then updates my website with the new resume changes.

React Tic-Tac-Toe Improved I extended a React tic-tac-toe app by adding an opponent, the ability to resize the board, and the option to play on a torus. You can play the game on my GitHub page.

GitHub Issue Browser Created a Flask implementation of a simple GitHub issue browser. The app shows current issues on a main page, and includes detail pages for each issue.

WORK EXPERIENCE

Best Buy/Geek Squad <i>Small Parcel Delivery</i>	November 2020 - Present
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- Delivered packages to customers, worked with in-store team to place inventory in the store, verified correct inventory placement in-store.

University of Oregon <i>Graduate Employee</i>	September 2017-August 2019
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- Taught undergraduate Mathematics courses as the primary instructor. Planned the structure of the course, determined the order in which content was covered, wrote exams, and graded exams.

SKILLS

Languages: Highly Proficient: Python. Proficient: JavaScript, HTML, CSS, C++, Bash.

Database: Highly Proficient: SQL. Proficient: MySQL, SQLite, MongoDB.

Frameworks: Highly Proficient: Flask.

Markup: Highly Proficient: LaTeX. Proficient: Markdown, Jinja templating language.

Hackerrank Certificates: Proficient: Problem Solving, Python, JavaScript, Rest API.