

Nathan Taylor

pecan-pine.github.io
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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 inserts selected resume data into several Jinja templates, which are then 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 set up. The server then updates my website with the new resume changes.

JavaScript 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. I've designed and built several JavaScript-based websites:

- A space themed page with a planet orbiting a sun.
- A command-line themed page where you type in commands to navigate the site.
- A main page (pecan-pine.github.io) which has the same information as the above sites, with links to each of them.

WORK EXPERIENCE

Tutor.com <i>Tutor</i>	August 2020 - Present
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- Tutored high school and college students in Calculus and Python programming. Teaching others to code has been a rewarding experience!

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. Led a small team of graduate-students in a study group that produced 50 pages of solutions to abstract algebra problems.

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.