

# Nic Nolan

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## EDUCATION

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### Bachelor of Science, Computer Science

Anticipated Dec. 2022

Oregon State University

(4.00/4.00 GPA)

### Bachelor of Science, Philosophy

2014

Oregon State University

Minor in Writing, *summa cum laude* (3.90/4.00 GPA)

## SKILLS

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**Languages:** JavaScript, Typescript, Python, VBA, SQL, HTML, CSS

**Technologies:** Node.js, Express, React, Next.js, MongoDB (NoSQL), MySQL, Cypress, Git

## WORK EXPERIENCE

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### Software Engineer Intern

Jun. 2022 – Sept. 2022

Instructure, Salt Lake City, UT

- Will contribute to full-stack web apps using Ruby on Rails, React, PostgreSQL, Docker, Linux, and AWS.

### Software Engineer Intern

Jan. 2022 – May 2022

RubensteinTech, New York, NY

- Utilized JavaScript, Cypress.io to expand and improve end-to-end test coverage over dozens of projects.
- Set up 10+ GitLab CI/CD pipelines using YAML and shell scripting to perform integration testing nightly.
- Integrated a visual reporting tool into existing codebase to improve identification of bugs and test flake.

### Supplier Quality Engineer

Nov. 2016 – Sept. 2021

Astronics PECO, Clackamas, OR

- Designed and maintained company system for reporting product defects using Excel and VBA.
- Collaborated with dozens of project teams to implement new products and create process improvements.

## PROJECTS

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### Course Analytics

[Demo](#) | [GitHub](#)

- Developed an application that analyzes real student course evaluations (time commitment, difficulty, tips, etc.) to help students plan their course loads using TypeScript, MongoDB, Next.js, and React.
- Implemented a public API to allow other students access to the aggregated data for further endeavors.

### Boeing Speckle

[Demo](#) | [GitHub](#)

- Built an API for providing Boeing specification metadata using Node.js, Express, MongoDB, and React.
- Programmed server to scrape Boeing website daily, parse data with regex, and convert metadata to JSON.

### Small Shell

[GitHub](#)

- Wrote a miniature version of a Unix shell in C, providing users with an interface to the Unix system.

### Commercial Space Flight Tracker

[Demo](#) | [GitHub](#)

- Created a database management system admin portal for a fictional website that tracks commercial space flights using JavaScript, Node.js, Express, MySQL, and React.