

# Nic Nolan

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## EDUCATION

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### Bachelor of Science, Computer Science

Anticipated Dec. 2022

Oregon State University

Relevant Coursework: Data Structures, Algorithms, Computer Architecture and Assembly, Web Development, Databases, Operating Systems (4.00/4.00 GPA)

### Bachelor of Science, Philosophy

2014

Oregon State University

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

## PROJECTS

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### Course Analytics

[Heroku](#) | [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.
- Created a public API to allow other students access to the aggregated data for further endeavors.
- Generate static pages for each course daily using data available at build-time.

### Boeing Speckle

[Heroku](#) | [GitHub](#)

- Built an API for providing Boeing specification metadata using Node.js, Express, MongoDB, and React.
- Programmed server to periodically scrape Boeing website, parse data with regex, and convert it to JSON.
- Established two methods for API requests: URL calls or a user-friendly GUI.

### Fource

[Heroku](#) | [GitHub](#)

- Designed an online board game that implements complex game rules, live chat, and synchronized state between players and spectators using Node.js, Express, and Socket.io.

## SKILLS

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**Languages:** JavaScript, Typescript, Python, VBA

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

## WORK EXPERIENCE

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### Software Engineering 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 Engineering Intern

Jan. 2022 – May 2022

RubensteinTech, New York, NY

- Will support standards-compliant web apps using JavaScript, Node.js, and React.

### Quality Assurance Engineer

Nov. 2016 – Sept. 2021

Astronics PECO, Clackamas, OR

- Created 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.

### Quality Management Representative

Jan. 2015 – Nov. 2016

Nuance Systems, Portland, OR

- Automated weekly reports using Excel and VBA.