

# Nathan Foss

## Python and Algorithms Instructor

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

### CAREER OBJECTIVE

I have always had an interest in making a social impact with technology, and this has led me into my career as a software engineer. I started out teaching high-schoolers to build websites for clients and create their own personal portfolios and have ended up leading as a software engineer at RMenu.org, an app with over 3k users that is changing the way we think about ordering food at restaurants. With my experience working in all phases of the software development life cycle, I'm now pursuing roles in front-end and mobile software development, and am **open to relocation**.

### TECHNICAL SKILLS

<b>Frontend:</b>	JavaScript, React, React Native, Redux, useContext, HTML, CSS, Bootstrap 4, Material UI, Tailwind CSS,
<b>Backend:</b>	Java, Python, Django, Ruby, Ruby On Rails, PostgreSQL, RegEx
<b>Data Analysis:</b>	Python, SQL, BeautifulSoup, Microsoft Excel
<b>Cloud Applications:</b>	Amazon Web Services(AWS), GitHub, Android Studio, Firebase, Figma

### RELEVANT PROFESSIONAL EXPERIENCE

**RMenu.org**, Remote

August 2023 to Present

#### Software Engineer

- Update our website UI to modern design using the library Material UI for account creation, making our 3,000 users' experience more premium and stream-lined.
- Learn new technologies like Rspec quickly to review colleague code and review changes.

**Code2College**, Austin, TX

December 2022 to Present

#### Web Development Instructor

Teach up to 7 students, in a 9-week course wave, web development concepts such as webpage navigation, simplicity and accessibility to guide each student in building their own personal portfolio as a Web Developer.

- Advise students how to strategically plan out project steps with wireframing, and analyze the details required to meet their client's project needs
- Using what I taught them and their own research, students build a fully functional website for their assigned client at the end of the wave

### PERSONAL PROJECTS

#### Mindful: Prescription Tracking App, Kotlin, Java, Android, Firebase

Code available upon request

#### Social Chat and Weather Mobile App, React Native, Expo, AWS, Weather API, Image API

Code available upon request

### EDUCATION

**The University of Texas at Dallas**, Dallas, TX

Expected Spring 2025

#### Bachelor of Science Degree in Computer Science

- Completed programming fundamentals in Python, Java, C++, and C and learned data structures and the algorithms used to manipulate them. Implemented modern object oriented programming into my projects.
- Community Leader at The Artificial Intelligence Society, team of passionate individuals, devoted to bridging the gap between people's awareness and the world of AI.

**Flatiron School Immersive**, Remote

September 2022 to January 2023

#### Full Stack Software Engineer Bootcamp Certificate

Flatiron School is a leading one-year award-winning career development program. The program helped thousands of Flatiron School grads transform their lives and the companies where they work

- **Frontend:** Javascript Fundamentals, Object Oriented JavaScript, Intro to React, React: Components and Props.
- **Backend:** Ruby Fundamentals, Regex, PostgreSQL and APIs, Ruby on Rails, Data Structures and Algorithms