

# SPENCER FITCH

## HOLISTIC SOFTWARE ENGINEER

### CONTACT

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### SKILLS

JavaScript Advanced



Python Advanced



CSS Experienced



Lisp Experienced



C/C++ Intermediate



Java Familiar



### TOPIC EXPERIENCE

- RESTful API Design
- App Scalability
- UI/UX Design
- NoSQL Databases
- Computer Networking
- Machine Learning
- Data Science
- Digital Forensics
- Computational Photography
- Computer Graphics

### PROFILE

Hard-working, detail-oriented computer science student with experience working on projects across the full software stack. Seeking a career in software engineering to solve new, challenging problems in a collaborative environment.

### WORK EXPERIENCE

#### Unfound

Full Stack Engineer Intern

Evanston, IL

Sep 2021 – Present

- Develop and refine an early stage social media start-up focused on facilitating the discovery of novel experiences
- Implement, document, and communicate new features
- Integrate application with external platforms like Google Cloud
- Use: TypeScript (Node & React Native), PostgreSQL, CSS

### EDUCATION

#### Northwestern University

Master of Science  
Computer Science

Jun 2021 – Jun 2022  
4.00 GPA

#### Northwestern University

Bachelor of Science  
Computer Science

Sep 2018 – Jun 2022  
3.91 GPA

### PROJECTS

#### Nearest Plane

[spencerfitch.github.io/nearest-plane](https://spencerfitch.github.io/nearest-plane)

- Designed and built a progressive web app to provide information about aircraft closest to user's current location
- Utilized OpenSky Network Live API for aircraft telemetry
- Used: JavaScript (Node & React), Bootstrap, HTML/CSS

#### Web Scanner

[github.com/spencerfitch/webscanner](https://github.com/spencerfitch/webscanner)

- Created a Python module for scanning and generating a report of network information for a given hostname
- Implemented versatile classes and command-line scripts to accommodate many use cases
- Used: Python (Subprocess, TextTable, & HTTP)