

SPENCER FITCH

HOLISTIC SOFTWARE ENGINEER

DETAILS

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🌐 spencerfitch.com

🐙 github.com/spencerfitch

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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.

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

- Designed and built a progressive web app with React and Node 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

- 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)

COMMUNITY Q'S

spencerfitch.github.io/community-qs

- Designed and built an anonymous, community based Q&A social media platform using React and Node
- Employed Mocha testing for Express REST API validation
- Managed account and data storage using MongoDB
- Used: JavaScript (Node, Mocha, JWT, & React), MongoDB, HTML/CSS