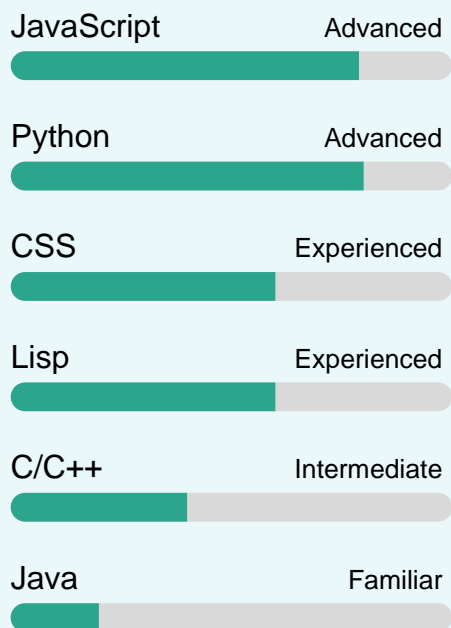# Spencer Fitch

Holistic Software Engineer

Details

✉ spencer@spencerfitch.com

📞 920-707-8995

🌐 spencerfitch.com

🔗 github.com/spencerfitch

in linkedin.com/in/spencer-fitch

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 — Jun 2021 – Jun 2022
Computer Science — 4.00 GPA

Northwestern University
Bachelor of Science — Sep 2018 – Jun 2022
Computer Science — 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