

# Wes Lowe

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## Objective:

To develop my skills further alongside ambitious peers. I want to learn as much as I can.

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## Education:

Diploma from Olathe Northwest High School – Olathe, KS (2022)

B.S. Computer Science JCCC→KU, 2nd year, expected graduation 2026

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## Skills:

- **TypeScript/JavaScript:** Over four years of experience
  - **React/React Native:** Two years of experience building web and mobile applications with React.
  - **C++:** Over a year of experience
  - **Node.js:** Building backend servers using NestJS and Express.js
  - **MongoDB and PostgreSQL:** Database management using MongoDB and PostgreSQL.
  - **Web scraping:** Using Puppeteer and Node.js for web scraping.
  - **Electron.js:** Creating desktop applications using Electron.js and React.
  - **Docker:** Deploying Node.js apps with Docker.
  - **Nginx:** Using Nginx as a reverse proxy to manage backend connections.
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## Projects:

- **Hawk Engine:** ([github](#)) A capable, robust, modular workflow engine. This implements flow based programming concepts where each “node” lives in isolation and performs work in chains by propagating data down the flow.
- **Scrape Goat:** ([demo](#)) A web automation platform that enables businesses to design their own web scraping flows. Currently pre-MVP stage and I look forward to hopefully launching within 6 months. It is powered by a web scraping engine built on top of Hawk Engine.
- **Sigma:** ([demo](#)) A music player built with Electron.js and React. It allows users to download songs from YouTube to listen to without ads.