

Elijah Lewis

Machine Intelligence & Web Technologies

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Forward. **My greatest strength is analyzing the intersections of tech and society.** I am passionate about using technology to drive human connection and grow collective knowledge. Many talented and generous people have fueled my passion, shaping the person I am today. My growth is in part due to their guidance and support.

Education. **University of Virginia** **2019**
Bachelors in Computer Science
Awarded High Distinctions for my machine learning work

Experience. **Founder of Ibis** **Dec 2023 - Present**
Building personal AI through communicable knowledge graphs

Founder of Modal **Oct 2022 - Nov 2023**
Built a productivity SaaS startup ([see app](#)). Featured on Product Hunt

R&D Team Lead, Epic Health **Sep 2019 - Jul 2022**
Led the infrastructure team developing a new app achieving ~20,000 lab orders monthly. Migrated code to React + scaled for ~250 million patient records exchanges per month. Redesigned the app UI to boost clinical training promoting an educational video on advanced features. This initiative led to the video becoming the company's fastest-growing.

Software Engineer Intern, Epic Health **May 2018 - Aug 2018**
Developed backend data visualization feature to enhance the medical research on social determinants of health

Research. **Attrition Prediction to Reduce Anxious Thinking, UVA**
Identified high-risk patients with ML that would be optimized to 91% accuracy ([paper](#))

Search Engine Sentiment Analysis of Customer Reviews, UVA
Scaled research network by migrating to microservice architecture

Projects. **Internet of Things Search Engine ([link](#))**
Developed a tool for campus maintenance workers to search sensor data for temperature, CO2 levels, etc

Immigration Data Visualization ([link](#))
Analyzed how US immigration has changed over the years

Giftable ([link](#))
Created a social network to track my friends and family's birthdays and gift ideas

Technologies. **Databases**
SQL, MySQL, Postgres, PlanetScale, Mongo, Supabase, Vector databases

Web
Javascript, Typescript, NextJS, Astro, SolidJS, React, React Native, Electron, HTML, CSS, TailwindCSS, Bootstrap, Amazon AWS, Serverless Stack (SST)

Machine Learning and Artificial Intelligence
Python, NumPy, PyTorch, OpenAI, LangChain, Replit, Pinecone