



# ELIJAH LEWIS

{ Software Developer }

I previously worked in the healthcare industry to promote data interoperability helping customers exchange & get value from ~250 million records a month. In my free time, I'm a writer, uke player, & a goof 😊

## CONTACT

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🌐 [github.com/elewis9989](https://github.com/elewis9989)

## EDUCATION

**University of Virginia**

B.A. Computer Science | 2019

Awarded High Distinctions 🏆

## SKILLSET

💻 Web Development

🎨 UI/UX

📅 Project Management

## EXPERIENCE

### R&D Team Lead

**Epic Systems | Sep 2019– Jul 2022**

- Migrated legacy VB codebase to [React](#) to display data from [~250 million records](#) exchanged monthly
- Redesigned app UI helping with [over 100 mockups](#) and a training video gaining [over 1,000 weekly views](#) becoming the fastest growing Epic video of 2021
- Architected scalability for a new app achieving [~20,000 orders](#) monthly

### Machine Learning Researcher

**University of Virginia | Sep 2018 – Sep 2019**

- Designed & deployed an algorithm for [The MindTrails Project](#) that identified at-risk anxiety patients needing psychiatric intervention
- Identified high-risk patients with a [91% accuracy](#)
- Conducted analysis over [Logistic Regression](#), [SVM](#), [Decision Trees](#), [Random Forest](#), and other models

### Software Engineer Intern

**Epic Systems | May 2018– Aug 2018**

- Devised star-schema data model components in SQL backend to hold datasets & visualized through Javascript to facilitate data science for medical researchers and provide additional patient context for doctors

### Research Assistant

**University of Virginia | Sep 2017 – May 2018**

- Optimized scalability of search engine app which uses sentiment analysis on customer reviews
- Migrated codebase to microservice architecture using [Docker](#)
- Refactored information retrieval methods in [Java](#) backend to interact with [Node](#) & [Angular](#) frontend

## Projects

- [DinDin](#) (2019) – mobile app in [React Native](#) & [Firebase](#) to allow people to schedule and attend dinners
- [Immigration Data Visualization](#) (2018) – visualization made in [D3.js](#) to depict US immigration
- [Get Learnt](#) (2018) – scalable marketplace app in [Django](#) and [Docker](#)
- [Internet of Things Search Engine](#) (2018) – search engine in [Angular](#), [Node](#), and [SQL](#) displaying status of monitors from buildings across the University of Virginia Campus