



ELIJAH LEWIS

{ Software Developer }

Currently building my own apps and videos. Previously worked in the healthcare industry to promote data interoperability helping customers exchange & get value from ~250 million records a month. 😊

CONTACT

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🌐 github.com/elewis9989

EDUCATION

University of Virginia

B.A. Computer Science | 2019

Awarded High Distinctions 🏆

SKILLSET

💻 Web Development

🎨 UI/UX

📊 Project Management

EXPERIENCE

Indie Software Engineer

Self-Employed | Sep 2022 – Present

- Designed and developed a [SaaS](#) web and mobile app called Modal which is a productivity manager to prioritize tasks among many projects

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

- [Modal](#) (2022) – productivity manager app available on web and mobile, written in [React](#), [React Native](#), and [Ruby on Rails](#)
- [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
- [Internet of Things Search Engine](#) (2018) – search engine in [Angular](#), [Node](#), and [SQL](#) displaying the status of monitors from buildings across the University of Virginia Campus