

Jacob Keisling

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🏠 keisling.me

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🔄 endlessreform

Experience

Humana (PPC)

Louisville, 2020

I built risk models for the most common chronic conditions in our senior patients, creating and deploying supervised ML binary classifiers

- ↳ Predicted 6-month diagnosis risk for patients with up to 92% accuracy using random forest and logistic regression models
- ↳ Identified key comorbidity clusters and risk profiles
- ↳ Identified, cleaned, and normalized key data from electronic health records

I used: [R \(tidyverse, tidymodels\)](#), [SQL \(MS SQL Server\)](#), [Git](#)

UChicago IT Services

2020-present

I'm researching and demoing new infrastructure for the DevOps team before deployment, and improving internal and external documentation.

- ↳ Created Grafana, Netbox, Snipe-It, HashiCorp Vault test servers and demos

I'm using: [Apache](#), [Docker](#), [Git](#), [Linux CLI](#), [Python](#)

Nehemiah Relief Fund

Seoul, 2019

I designed, built, and deployed [nrfund.org](#), the website for a Korea-based NGO rescuing North Korean refugees, using [Gatsby](#)/[Netlify](#)/headless CMS.

- ↳ Delivered industry-leading speed and page weight; Lighthouse PWA certified
- ↳ Managed localization for US and Korean audiences

I used: [Javascript \(React, Gatsby\)](#), [GraphQL](#), [HTML/CSS](#), [Figma](#)

Education

University of Chicago

2018-present

I'm a third-year student majoring in computer science.

- ↳ GPA: 3.71 overall
- ↳ Dean's List 2018-2019

Volunteering

Louisville City Council

2015-2018

- ↳ Scraped city code violations with Python to compile evidence for legislation against absentee landlords
- ↳ Designed, wrote, and edited weekly e-newsletter (distribution ~2,000)
- ↳ Designed posters and branding for over 40 community events; wrote promotional copy

Skills

📊 R

🐍 Python

🗄 SQL

[] C

🔗 Haskell

📄 JavaScript

🌿 React

🏠 Gatsby

📱 HTML / CSS

🔑 Git

🐧 Linux CLI

🎨 Adobe Suite

🔗 Figma

References

Steven Clark

Director, PPC Data Science

✉ sclark33@partnersinprimarycare.com

Wanda Smith

Chief of Staff, Council Dist. 4

✉ wmsmith@louisvilleky.gov

Honors

Jacob L. Keisling Day

Honoured by Louisville City Council President for "untiring service to District 6". 14 December 2017 was declared Jacob L. Keisling Day.