Jacob Keisling

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# 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 Chicago, 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: Python, Linux CLI, Docker, Apache, Git

## Nehemiah Relief Fund Seoul, 2020-present

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

HTML/CSS

Git

Linux CLI

Adobe Suite

Figma

# References

Steven Clark

Director, PPC Data Science

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care.com

Wanda Smith

Chief of Staff, Council Dist. 4

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# 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.