

# NOAH SCOLINOS KUSABA

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## TECHNICAL EXPERIENCE

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### Data Engineering Fellow, Jigsaw Labs

January 2023 - Present

- Part of a six-month data engineering bootcamp, with focus on job-market readiness.
- Developing skills in Python SQL, data modeling, database design, and API's.
- Experience using DBT, Fivetran, and ETL/ELT data pipelines.
- Deployment tools such as Docker and AWS tools.

### Project: Event Map Tracker

- Code hosted on Github, website hosting TBD.
- CronJob webscraper of upcoming MMA events written in Python Beautiful Soup uploaded to PostgreSQL Database.
- Front-end written in ReactJS and CSS, Map(LeafletJS)

### Project: Personal Portfolio

- Code hosted on Github, website hosted on netlify.
- Designed website using: Html, CSS, Javascript (React).
- <https://noahkusaba.netlify.app>

### Project: Web Scraper API for Investing

- Designed an API, which scrapes news sites for articles relating to digital trends and assets, then outputting a json file sorted by article type.
- Designed in JavaScript using the Node.js runtime environment with frameworks such as: express.js, axios.js, cheerio.js
- Learned the intricacies of optimizing runtime using an asynchronous design.

### Project: Robotics Navigation Competition

- Programmed and wired a Lynxbot using a Arduino Duemilanove microcontroller in C++, to complete a variety of navigation tasks.
- Examples include: navigating obstacles to predetermined locations, sweeping for light sources, then navigating to block the light.

### Mechanical Designer (EIT), Allen & Shariff, Wilmington, NC

March 2022 – January 2023

- MEP Engineering using AutoCAD and Revit modelling software.
- Responsible for calculating cooling/heating loads for AC systems, selecting ventilation equipment based on predicted occupancy, sizing pipe sizes for sanitary/supply pipes based on fixture counts.
- Only Mechanical Designer responsible for designing both HVAC & Plumbing designs at a company of 100+ people.

### Mechanical Engineer, Snapcab, Kingston, ON

May 2021- March 2022

- Designed models & drawings for custom products.
- Managed time sensitive projects to meet deadlines.
- Updated standard product models to align with production models in AutoCAD Inventor.
- Coordinated with vendors to ensure sufficient stock is available to fulfill job schedule.
- Established project file management standards and cleaned up the existing filing system.
- Conducted presentations on projections for vendor orders, using data from order history.

## RELEVANT SKILLS

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- Experience modelling in Autodesk Inventor, NX.10, AutoCAD, Revit.
- Strong Experience (2+ years) Coding in JavaScript (React.js, Node.js), Python.
- Moderate Experience (1+ years) in C++, SQL, Arduino, MATLAB.
- Bilingual in English, Japanese

## EDUCATION

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**Bachelor of Applied Science: Mechanical Engineering** 2018 - 2021  
*Queen's University, Kingston, ON*

- First Class Honors
- GPA: 3.40

**Bachelor of Engineering: Nuclear Engineering** 2017 - 2018  
*Ontario Institute of Technology, Oshawa, ON*

- 1<sup>st</sup> year student, GPA: 3.89
- Dean's/President's List

## ADDITIONAL EXPERIENCE

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**Website Manager / Product Manager** May 2019 – Present  
*Green Pastures, Tokyo, Japan*

- Responsible for transition from Wix to Shopify website, to enable online ordering for coffee bean store.
- Responsible for overall maintenance, and updates.