

# KEMAL KONGAR

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## EXPERIENCE

### Software Developer, Distributed Digital Music Archives & Libraries Lab May 2021 –

- Responsible for developing new features for a **Django** based workflow software that uses machine learning for optical music recognition and analysis.
- Gained experience working in an **Agile** environment with a focus on **Python** and **JavaScript** development.
- Created and published a Python library from scratch. I get to expand and maintain repositories that use a wide range of languages and frameworks including **C++**, **Typescript**, **PostgreSQL**, **TensorFlow**, and **WebAssembly** through **Emscripten**.
- Worked on continuous integration through GitHub Actions, Travis CI, and **Docker**.

### Editor-in-Chief, CRG Review October 2018 –

- Responsible for **coordinating different sections** of the Journal, keeping track of finances, **managing relations with the university**, and ensuring long-term health and vision. Further responsible for article selection, editing and publishing.
- As the former Primary Editor of Law and Theory, I was unanimously elected by Journal members to lead the executive team going into Fall 2021.

## PROJECTS

### internetstockpicks

- **Aggregates market sentiment** with a focus on retail investors.
- Scrapes popular financial forums and runs the data through an algorithm that matches comments with company names or tickers. **Node.js** and **NGINX** backend, **React.js** frontend with **Pandas** data analysis and **NoSQL** data management through **MongoDB**.

### eudata-r

- **Examines** the possible link between self-identifying as a “citizen of Europe” and supporting EU initiatives such as a unified foreign policy and a standing army.
- Runs regression analysis on Eurobarometer data using **R** and **Excel**.

## EDUCATION AND INTERESTS

### Bachelor of Arts, McGill University

September 2018 – December 2021

- Double major in **Computer Science** and **Political Science** with an interdisciplinary focus.
- Whether it be through quantitative political science or as an Associate Editor at the McGill Pre-law Review, I always try to combine my interests to approach issues from novel angles.

**Interests:** Avid piano and guitar player. Chess enthusiast. Beginner level Latin.