

Claire Yaroslav Yurev

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PROJECTS

[Cleanly.so](https://cleanly.so) – **TypeScript, Dart, NoSQL** (source code: github.com/claireyurev/cleanly)

- Cleanly is an iOS, Android, and Web app that washes your car at your place: home, work - wherever you are. Don't feel like searching google maps for the nearest carwash? Cleanly is an app that keeps your car clean and saves you time.

[Matchy.dev](https://matchy.dev) – **Java, GDScript** (source code: github.com/claireyurev/matchy)

- Mobile game inspired by classic match-three games. Created in Java (Android Studio) and re-written in GDScript for Godot.

[OpenCortex.ai](https://opencortex.ai) – **JavaScript, Node.js, jQuery** (source code: github.com/claireyurev/opencortex)

- Data Science visualization app, built in JavaScript and ArcGIS API, serving data over maps of earth from NASA on a 3D globe.

SKILLS

- ✓ Languages: **Java** (advanced), **Python** (intermediate), **SQL** (intermediate), **R** (prior experience).
- ✓ JavaScript frameworks: **AngularJS** (advanced), **React.js** (intermediate), **Node.js** (prior experience).
- ✓ Build automation tools: **Gradle** (advanced), **Maven** (intermediate), **Jenkins** (prior experience).
- ✓ Databases: **MySQL** (advanced), **Azure SQL** (intermediate), **MongoDB** (prior experience).
- ✓ Engines: **Unity** (advanced), **Unreal 4** (intermediate), **Godot 3** (prior experience).

EXPERIENCE

LinkNeural, Palo Alto, CA

Sep '20 – Aug '22

Data Scientist – *Business Intelligence*

- Trained a supervised x-ray image classification model, improving acute illness recognition accuracy from 86% to 94%.
- Wrote a tool to standardize & automate continuous data binning, reducing pre-processing stage of removing noise by 25%.
- Built an entity recognition model with a skills-match feature using SpaCy, enabling internal recruiters to go over 400 resumes in minutes, resulting in hiring managers being able to better decide whether an applicant should move to the interview stage.

LinkNeural, Palo Alto, CA

Jul '18 – Aug '20

Software Development Engineer II – *Data Integration*

- Built a deployment monitoring tool using Apache Beam SDK for Python, improving observability of running systems by 20%.
- Designed a single-page client app in JavaScript, reducing object rendering time by 46%, which led to a subsequent 25% reduction in client log-in time on the front end.
- Collaborated with the MLOps engineering team to re-architect a legacy client system that serves over 1000 requests per day, implementing a new modular design using React Native that resulted in reducing API request latency by 35%.

Equity Associates, Toronto, ON

Feb '16 – Jun '18

Software Development Engineer I – *Back End*

- Used Kibana and Elasticsearch to create a dashboard visualizing data collected from Twitter using REST APIs.
- Successfully migrated legacy PostgreSQL database to a Redis instance within Heroku, resulting in 20% less runtime errors.
- Worked on the transitioning project from Subversion (SVN), a centralized version control system, to a distributed Git system.

EDUCATION

IBM – [Data Science Professional Certification](#) (12 months, 10 Courses)

Mar '22

- Coursework: Machine Learning, AI & Development, Python for Data Science, Databases & SQL with Python, Data Analysis.

Stanford University (Coursera) – [AI in Healthcare Professional Program](#) (6 months, 5 Courses)

Nov '21

- Coursework: Clinical Data, Machine Learning, Healthcare, Evaluation of AI Applications, AI in Health Capstone.

Ryerson University, Toronto, ON – [Bachelor Degree in Economics & Finance](#) (5 years, 40 Courses)

Jun '14

- Coursework: Statistics, Econometrics, Computer Science, Algorithms, System Design, Data Structures, Materials Science.