Abdel-Rahman Abdel-Rahman

Software Developer

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🔗 *linkedin.com/in/Abogical* ▤ *This resume is in HTML! See abogic.al/resume* ◉ *Canada*

Summary

- Worked on **Data Analysis** and **Machine learning** projects using **Python** and **scikit-learn**.
- Utilized **NodeJS/Express/React/Typescript** for front-end and back-end projects.
- Contributed to open source projects including **C++ Qt** desktop applications.

Work Experience

9–12/2023 (4 months)

DeepSense
Machine Learning Intern, Halifax, Canada
- Developed a regression model to interpolate missing ship stability data.
- Utilized **Python** and **Pandas** for preprocessing and employed **scikit-learn** for learning tasks on an AWS Segemaker Notebook.
- Achieved an accuracy of 85-99%, depending on the target.

8/2021– 12/2022 (1 yr and 5 months)

LearnK8s
Software developer
- Developed interactive content for a Kubernetes educational platform.
- Utilized **React**, **TypeScript**, and **NodeJS** in development.
- Utilized **Bazel** and **OpenTelemetry** for testing reproducible builds.

Open source

1–2/2020

Season of KDE
Modernized a 15+ year-old **C++ Qt** code-base of JuK. Report: **community.kde.org/SoK/2020/StatusReport/Abogical**

12/2015– 1/2016

Google Code-In
Packaged **Linux** programs to add more software for HaikuOS. Certificate: **abogic.al/codein.pdf**

Projects

10/2020– Present

posthtml-sri
PostHTML plugin converting sites to use subresource integrity. Submitted as an NPM package.

Education

1/2023– 4/2024

Master, Computer Science (Co-op)
Memorial University of Newfoundland, Canada

9/2016– 7/2021

Bachelor, Computer & Communication Engineering
Alexandria University, Egypt

Courses

7–10/2020

Advanced Data Analysis
Udacity
Certificate: **confirm.udacity.com/V6WMKHNJ**

6–8/2018

Machine Learning
Coursera
Certificate: **coursera.org/account/accomplishments/certificate/H7GLFAV9CJPB**

Skills

Programming languages

JavaScript · TypeScript · Python · Julia · C/C++ · Rust

Web development

HTML5 · CSS3 · React · TailwindCSS · GraphQL · Django · NodeJS · Express

Data Science

scikit-learn · Pandas · NumPy · Matplotlib · Seaborn · Jupyter · AWS SageMaker

Miscellaneous

Qt · GTK+ · Linux · Git · SQL · Docker · JAMStack