Abdel-Rahman Abdel-Rahman

Software Developer

§ *abogic.al* ✉ *abdelrahmana@mun.ca* ⚲ *St. John's, NL, Canada* ⌂ *github.com/Abogical*

🦊 *gitlab.com/Abogical* 🔗 *linkedin.com/in/Abogical* 🖥 *This resume is in HTML! See abogic.al/resume*

Summary

- Used **Python** for **Data Analysis** and **Machine learning** projects.
- Worked with **NodeJS/Express/React/Typescript** projects as an independent freelancer.
- Contributed to open source projects including **C++ Qt** desktop applications.

Work Experience

DeepSense
Machine Learning Intern, Halifax, Canada
9/2023–12/2023
Creating a regression model interploting missing ship stability data using **Python**, **scikit-learn** and **Jupyter** notebooks on **AWS SageMaker**.

Freelancing

LearnK8s
Software developer
8/2021–12/2022
Created a **NodeJS** PDF generator, Node-RED nodes, **web scraping** with **Selenium**, and tracing with OpenTelemetry using a **Typescript/React** codebase.

PeoplePerHour
Software developer
10/2020–9/2021
Awarded 5 stars by all clients in developing various software projects.
Profile: **pph.me/Abogical**

Open source

Season of KDE
1–2/2020
Modernized a 15+ year-old **C++ Qt** code-base of JuK. Report: **community.kde.org/SoK/2020/StatusReport/Abogical**

Google Code-In
12/2015–1/2016
Packaged **Linux** programs to add more software for HaikuOS. Certificate: **abogic.al/codein.pdf**

Projects

posthtml-sri
10/2020–Present
PostHTML plugin converting sites to use subresource integrity. Submitted as an NPM package.

Education

Master, Computer Science (Co-op)
Memorial University of Newfoundland, Canada
1/2023–Present

Bachelor, Computer & Communication Engineering
Alexandria University, Egypt
9/2016–7/2021

Advanced Data Analysis
EgyptFWD
7–10/2020
Certificate: **confirm.udacity.com/V6WMKHNJ**

Machine Learning
Coursera
6–8/2018
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 | Seaborn | Jupyter | AWS SageMaker |

Miscellaneous

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

Certificates

IELTS
British Council
27/11/2020
English proficiency certification. Band score: 7.5/9 (Good to Very good user)