

Abdel-Rahman Abdel-Rahman

Software Developer

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Summary

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

Work Experience

9/2023–12/2023 **DeepSense**
Machine Learning Intern, Halifax, Canada
Creating a regression model interpolating missing ship stability data using **Python** on **AWS SageMaker**.

Freelancing

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

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

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

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

7–10/2020 **Advanced Data Analysis**
EgyptFWD
Certificate: confirm.udacity.com/V6WMKHJNJ

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 Seaborn Jupyter AWS SageMaker

Miscellaneous

Qt GTK+ Linux Git SQL Docker JAMStack

Certificates

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