

ABDIRAHMAN ABDI

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OBJECTIVE: Passion for Automation and process improvement, looking for software engineer/DevOps roles.

TECHNICAL SKILLS

- Programming: Python, Kotlin/Java, Linux/bash, SQL, C/C++, Ocaml and assembly (MIPS)
- Automated slow and repetitive tasks with reliable and efficient using bash scripts.
- Excelled school project-based programming assignments for Comp202(Foundations of computer programming), comp206(Intro to Software systems), comp250(Intro to Computer science), comp251(Data structure and algorithms), comp273(Intro to computer systems), comp424(Artificial intelligence)
- Gained wide set of skills ranging from shell scripts, assembly programming, CPU designing, data structure, artificial intelligence algorithms (search), to algorithm design and algorithm analysis.

EDUCATION

- McGill University – BSc in Computer Science and mathematics – 2024

MTHREE TRAINING PROGRAM

May 2022- June 2022

- Linux for Production Support
- Python
- Relational Database and MYSQL
- Site Reliability Engineering (SRE):
 - Introduction to DevOps and SRE
 - Identifying and Managing Toil
 - Observability
 - Incident Management

EXPERIENCE:

DevOps Coop– Sun Life Financial – 2023

Worked for the last 2 weeks of the coop term.

- Developed MS Notification for builds (both Android and iOS mobile apps)

Mobile Developer Coop– Sun Life Financial – 2023

- Attending daily scrum session to discuss our tasks for the 2-week sprints.
- Gather technical requirements for assigned Jira-coding task.
- Coding app feature using Android studio, pushing changes using Bitbucket. and git commands.
- Update progress on the Kanban Board for Jira tasks.
- Supporting technical team as and when required.
- Status update report sent out to senior management every week.

Digitization Project Assistant – McGill University –2021 - 2022

- Work with managers and teams to maximize productivity.
- Work with the project team to contribute to the entire project life cycle.
- Performed data processing, rare book scanning, document organization.
- Coordinate tasks within the team and operated digital machines in the lab.
- Periodically updated reports to administrators
- Complete all required administrative tasks such as: Data validation and input.
- Featured article in the university news website as the student face of McGill Library services.
- (<https://news.library.mcgill.ca/the-student-face-of-library-services/>)

Hackathon Mentor – Med hacks- 2021-2021

- Mentored the 2021 hackathon <https://mcmedhacks.com/team/our-team-2022/> programming competition as Python mentor assisting in debugging.
- Troubleshooted problems for student teams to resolve technical difficulties with the software.

PROJECTS

School Project- Home Service App – 2024

- Developed a home service booking app and its database, similar to "Uber Eats" but for services such as cleaning, plumbing, electrical work, and moving.
- Integrated SQL, Java (JDBC), IBM DB2, and IntelliJ for database and backend development in a service-oriented and user-friendly application.

Personal Project- Personal Portfolio website – 2022

- Created responsive website <https://abdirahman232018.github.io/abdirahmanabdi/index.html> using html, CSS, JavaScript from various templates and customized it.
- Hosted in GitHub, created bash script that updates changes and edits of the website with a click.

GitHub Open-Source Contributions

- 100+ public Kattis solutions in 1 repo alone https://github.com/abdirahman232018/Kattis_Solutions

AWARDS AND ACHIEVEMENTS

- Dean Connor Scholar, Sunlife – 2022/2023
- Top 20 Coders in Quebec on kattis website <https://open.kattis.com/countries/CAN/QC> - 2022
- Ranked 4th in 2k Lachine Demi-Marathon <https://www.demimarathonlachine.com/en/results> - 2022
- TEAM award, McGill (<https://www.mcgill.ca/tpulse/tomlinson-engagement-award-mentoring-team>) -2020
- Top 1 student in national exam in Dadaab, Kenya <https://allafrica.com/stories/201712220680.html> - 2019
- World University Service of Canada Scholar (<https://srp.wusc.ca/>) – 2019

HOBBIES

- Marathon Runner – best time is 5km in 19 minutes improving daily.
- Online chess player – over 600+ ELO