

Abdurraouf Etagiuri

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EDUCATION

University of Saskatchewan

Saskatoon, SK

Bachelor of Science in Computer Science

2025 (Expected)

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Web Development

Advanced Innovation Group Pro Excellence

AIPGE

Lean Six Sigma Yellow Belt Certification

2023 - Achieved

TECHNICAL SKILLS

Languages: Python, Java, C#, SQL, JavaScript, HTML/CSS, Bash/Shell Scripting

Frameworks/Tools: React, Node.JS, Docker, MySQL, DevExpress, .Net Core, BitBucket, Git, Slack, Agile/Scrum

RELEVANT EXPERIENCE

Software Developer Intern

Sept 2023 – Present

PSI Technologies Inc.

Saskatoon, SK

- Maintaining a 95% improvement in software quality, user satisfaction, and effective Quality Assurance by developing a civil engineering application while utilizing C#, .NET Core, MVVM principles, and DevExpress
- Collaborating on PSIVisions3D and PSISams3D projects, by maintaining design, coding, testing, deployment, UI/UX enhancements, and backend development. Active participation in code reviews and peer coding sessions
- Developing and maintaining a civil engineering software, resulting in a 90% increase in team productivity while collaborating with a group of five developers to maintain a stable application for 50 users

Survey Researcher Interviewer

Sept 2022 – Feb 2023

The Canadian Hub for Applied and Social Research

Saskatoon, SK

- Used well-developed communication skills to conduct interviews with over 1000 people across Canada about various topics
- Compiled and presented a substantial data set with a remarkable 90% completion rate to the Canadian Press Security aiming to improve statistics and provide accurate information
- Completed data collection and analysis within 90% of project timelines, showcasing exceptional organizational and time management abilities

PROJECTS

To-Do Mobile Application | *Dart, Flutter, Git*

Jul 2023 – Sept 2023

- Developed a dynamic and user friendly to-do application using Dart and Flutter, allowing users to organize their daily tasks and responsibilities
- Implemented essential task management features, including adding new tasks, marking tasks as completed, deleting unnecessary items, and searching for specific to-dos, to meet project requirements
- Designed and delivered a prioritization feature within the to-do app, allowing users to effectively categorize and rank tasks based on importance, timeline, complexity, etc., resulting in optimization of user workflow

Library Management System | *React.JS, Tailwind CSS, AWS Amplify, GitLab, Git*

Sept 2022 – Dec 2022

- Utilized Next.JS as a front-end framework and paired it with Tailwind CSS for styling, while making use of Amazon Amplify as the back-end platform to develop a responsive system
- Offers users functional features, such as adding and removing books from the database, viewing book reservations, and filtering books by age group
- Implemented an efficient late payment fee feature, automatically calculating and applying charges for users who fail to return books on time

The Mouse Spy | *Python, Google MediaPipe, Git*

Sept 2022 – Oct 2022

- Developed an innovative Python program leveraging the cutting-edge MediaPipe framework, enabling users to control the computer mouse using natural eye movements for a more immersive experience
- Advocated for normalizing computer use by disabled people by demonstrating how The Mouse Spy application can assist individuals with motor disabilities, empowering them to use computers independently
- Implemented an intuitive feature enabling users to perform mouse clicks through eye blinking, providing a hands-free approach to computer interaction