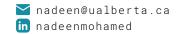
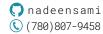
NADEEN MOHAMED





Education

BSc. Honours Computer Science | University of Alberta

SEPT 2017 - DEC 2022

- Dean's List: First Class Standing all years 3.8/4 GPA; 9+ academic scholarships.
- Coursework in software engineering, software quality, human-computer interaction, web architecture and applications, opensource capstone, operating systems, advanced game programming, machine learning, functional programming, database management, computer architecture, assembly, statistics, and data structure and algorithm analysis.

Work Experience

Software Engineering Intern | Intelligent Robot Learning Lab

MAY 2021 - PRESENT

- Designed and developed fingerprint labelling web app for research study to determine efficacy of a human-in-loop Al agent.
- Built with React in the front-end and Python web-sockets upon pre-existing open-source code with a small team
- Carried out unit-testing with Jest and integration testing with Cypress

Eclipse Adoptium AQAvit Foundation | CANOSP Student Software Contributor

JAN 2021 - PRESENT

- Part of open-source student cohort working on Adoptium testing infrastructure, mentored by industry experts
- Developed a new API to unzip TAP files and store in MongoDB database, and add new functionality in React frontend
- Worked with industry workflows such as Jenkins, Git, GitHub Actions, Groovy, and other QA tools.

Feature Projects

Ada's Team Website | Project Manager + Full-stack developer

bit.ly/adasite

- Managed and co-developed website for student group with 1k+ members redesigned to be more accessible in a team of 6.
- Built with React and Firebase in an Agile environment using Git & ZenHub with UI/UX design prototyping in Figma.

Appalanche | Full-stack Developer

bit.ly/appalanche

- Built full-stack Android app for collecting crowd-sourced data with Java and Firebase in a team of 6.
- Incorporated continuous integration, Agile workflow, UI/UX principles, unit testing with JUnit, and UI testing with Robotium.

ReLite | Front-end Developer

bit.ly/reLite

- Designed and developed auth web app for matching non-profits with pro-bono programmers in a gamified system.
- Built with **React** and **Firebase** in a team of 3 and designed solo in **Figma**.

Decentralized Social Media App | Front-end Developer

bit.ly/decentralSocial

- Designed and developed auth decentralized social media web app that distributes users across different applications.
- Built with React and Django in an Agile team of 6, matching with 5 other servers.

Leadership, Extracurriculars, and Accolades

President | Ada's Team

2021-2022

- Elected president for a student group with 1k+ members that promotes diversity in STEAM by hosting workshops, organizes technical/tutoring initiatives, and manages \$70k+ in funding for attending conferences such as the Grace Hopper Celebration.
- Founded new UI/UX designathon for local non-profits' design problems ProtoJam 2022.
- Founded 3 new annual scholarships to encourage and reward leadership, inclusiveness, and diversity.
- Directed a team of 6 organizers to host a program for 15 high-school students to be matched with mentors to aid in the transition to university and build professional skills via bi-weekly events.

Grace Hopper Celebration Attendee | Ada's Team

SEPTEMBER 2021

Organized and participated in pre-conference events for resume building, interview preparation, and networking.

GirlsWhoCode and LEGO League Club Organizer | WISEST

AUG 2018 - MAR 2020

Worked in a team of 3 to start robotics and CS clubs to teach 20+ girls programming, robot-building, and teamwork.

Broadview Press First-Year Essay Award | University of Alberta

MAY 2018

Won for an English research essay, presented by the Department of English and Film Studies.

AlbertaWomen.AI Cohort Member | Alberta Machine Intelligence Institute (Amii)

JAN - AUG 2020

• Explored **ML** and **AI** principles and applications by visiting companies such as Deloitte, IBM, Improbable, and Intuit as part of a competitive pilot mentorship cohort of 15 by Alberta Machine Intelligence Institute (Amii).

Skills

- PROFICIENT: Python, Java, C/C++, HTML/CSS, JavaScript, Node, React, Git/GitHub, Agile
- FAMILIAR: SQL, NoSQL, MongoDB, Firebase, Assembly

Other Extracurricular Activities: Science Presenter at *Telus World of Science*, Tutor at *Ada's Tutors*, Study Group Leader at *Ada's Students*, Member of *University of Alberta Debating Society*, Classroom Demonstrator at *Science Fundamentals*