

Kaye Ena Crayzhel Misay

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EDUCATION

BSc with Specialization in Computing Science Edmonton, AB, Canada | Sept. 2019 - April 2024 (expected)

UNIVERSITY OF ALBERTA

Awards: Dean's Honor Roll A.Y. 2019-2022, Jobber Leadership Award, NSERC Undergraduate Student Research Award

Coursework: Algorithms and Data Structures, Database Systems and Management, Object Oriented Programming, Basics of Machine Learning, Intro to Software Engineering, Software Design, Software Quality

WORK EXPERIENCE

Clio

Calgary, AB, Canada (Remote) | May 2022 - current

SOFTWARE DEVELOPER CO-OP

- Improves client experience through integrating new billing features in a client portal across four applications.
- Spearheads development to establish logic that incorporates all use cases for bulk sharing bills to a client portal.
- Assists in project planning and software architecture review to measure performance, risk, and scalability.
- Participates in managing and monitoring incoming requests and alerts and in fixing these reported software flaws.
- Implements readable, maintainable, and testable code for front-end, back-end, and mobile development.
- Collaborates with the team to conduct quality assurance measures through testing, meetings, and code reviews.
- **Utilize:** Ruby on Rails, AngularJS, React Native, TypeScript, GraphQL, HTML, CSS/SCSS, RSpec, Karma, Jest

University of Alberta: Department of Computing Science Edmonton, AB, Canada | May 2021 - Aug. 2021

RESEARCH ASSISTANT, NSERC UNDERGRADUATE STUDENT RESEARCH AWARD

- Established correlation through implication analysis in vital regions to identify functional mutation pairs.
- Conducted various **experiments** for further mutation analysis and prediction for SARS-CoV-2 and its variants.
- Collaborated with the team to perform analyses, data collection, and manuscript writing.
- **Utilized:** Python, SQLite, Jalview, MAFFT

New York Fries

Edmonton, AB, Canada | May 2019 - Dec. 2021

CUSTOMER SERVICE REPRESENTATIVE

- Maintained high standards of customer service and food preparation during high volume, fast-paced hours.
- Assisted management with daily cash balancing and weekly inventory.

PROJECTS

CONTROL, SECOND PLACE HACKATHON

JAVA, ANDROID STUDIO, FIREBASE

- A mental health app that lets a user add a profile, denote a mood with a journal entry, and view previous inputs.
- Collaborated to implement object-oriented concepts through code and database structure.

MOMENTUM

JAVA, JUNIT, ROBOTIUM, ANDROID STUDIO, FIREBASE, GOOGLE API

- A habit tracker app that lets users add habits, include habit events, and allow sharing current progress to others.
- Collaborated to implement application design, database structure, code writing, and testing using an agile approach.

MONEY FOR TIME

PYTHON, SQLITE

- Designed and implemented an application where users can quantify their time.
- Stores data to a local SQL database and performs calculations based on a given time input.

SKILLS

Languages: Java, Python, Ruby, TypeScript, GraphQL, JavaScript, HTML, CSS/SCSS, C, C++, SQL

Frameworks: Ruby on Rails, AngularJS, React Native, RSpec, JUnit, Robotium, Jest

Technologies: Git/Github, SQLite, LaTeX, Markdown, Firebase, Docker

EXTRACURRICULAR

Ada's Team, University of Alberta

Edmonton, AB, Canada | Sept. 2020 - April 2021

VOLUNTEER STUDENT TUTOR (CMPUT 174/175)

- Created a positive environment to assist students in acquiring better understanding of introductory concepts.
- Used graphical illustrations and high-level language to be applied in various computing-related settings.