

# 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

- Implements readable, maintainable, and testable code for both front-end, back-end, and mobile development.
- Improves client experience through integrating new billing features in a client portal across four applications.
- Collaborates with the team to conduct quality assurance measures through code reviews and daily meetings.
- **Utilize:** Ruby on Rails, AngularJS, React Native, TypeScript, GraphQL, HTML, CSS/SCSS, RSpec, Karma, Jest

### University of Alberta Students' Union

Edmonton, AB, Canada | Feb. 2022 - April 2022

SENIOR PEER ADVISOR

- Assisted clients with accurate and high standards academic, campus, and community-related guidance.
- Communicated clearly with fellow advisors and other university and UASU staff to properly accommodate clients.

### 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 during high volume hours.
- Communicated with coworkers and management clearly, effectively, and positively.

## 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, denote 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 to create an interface where users can quantify their time.
- Stores data to a local SQL database and performs a calculation based on give 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, Docker, Firebase, LaTeX, Markdown, MongoDB, SQLite

## 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.