Kaye Ena Crayzhel F. Misay

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EDUCATION

University of Alberta Edmonton, AB, Canada
BSc with Specialization in Computing Science September 2019 - April 2023 *(expected)*
- Dean's Honor Roll A.Y. 2019-2021, Jobber Leadership Award, NSERC Undergraduate Student Research Award
- **Coursework:** Algorithms and Data Structures, Database Systems and Management, Object Oriented Programming, Formal Systems and Logic, Practical Programming Methodology, Intro to Software Engineering, Software Quality, Software Design

WORK EXPERIENCE

University of Alberta, Department of Computing Science Edmonton, AB, Canada
Research Assistant, NSERC USRA May 2021 - August 2021
- Conducted various experiments for mutation analysis and prediction for SARS-CoV-2.
- Collaborated with the team to perform analyses, data collection, and manuscript writing.
- Established correlation in vital regions in the spike protein to identify functional mutation pairs.
- **Utilized:** Python, SQLite, Jalview, MAFFT

New York Fries Edmonton, AB, Canada
Customer Service Representative May 2019 - December 2021
- Assisted management with inventory checking and daily cash balancing.
- Maintained high standards of customer service during high volume hours.
- Communicated with coworkers and management clearly, effectively, and positively.

PROJECTS

Control, Second Place Hackathon: *https://github.com/kael-org/control*
- It 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.
- **Utilized:** Java, Android Studio, Firebase

Momentum: *https://github.com/CMPUT301F21T37/Momentum*
- A habit tracker app that lets a user denote habits, habit events, and follow and share to others.
- Collaborated to implement app design, code writing, and testing using An Agile approach.
- **Utilized:** Java, Junit and Robotium Testing Frameworks, Android Studio, Firebase, Google API

Money for Time: *https://github.com/kaynzhel/money-for-time*
- Designed an application to create an interface where the user can quantify their time.
- Inspired by the current state of academics during the Covid-19 Pandemic.
- **Utilized:** Python, SQLite

SKILLS

Software: *(proficient):* Python, Java, HTML, CSS, SQL, Firebase, Git/Github
   (familiar): C, C++, Git, JavaScript

EXTRACURRICULAR

Ada's Team, University of Alberta Edmonton, AB, Canada
Volunteer Student Tutor (CMPUT 174 / 175) September 2020 - April 2021
- Created a positive and encouraging teaching environment.
- Assisted students in acquiring better understanding of Python concepts.
- Used graphical illustrations and high-level language to be applied in various settings.