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, Formal Systems and Logic, Practical Logic, Practical Programming Methodology, 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
- Writes and implements readable, maintainable, and testable code for both front-end and back-end.
- Improves client experience through maintaining and creating testable billing features in client portal.
- Collaborates with the team to conduct quality assurance measures through code reviews and daily meetings.
- **Utilize**: Ruby on Rails, AngularJS, TypeScript, HTML, CSS/SCSS, RSpec, Docker, Karma

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 USRA
- 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.
- 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 | May 2019 - Dec. 2021
CUSTOMER SERVICE REPRESENTATIVE
- Maintained high standards of customer service during high volume hours.
- Communicated with coworkers and management clearly, effictively, 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

Language: Java, Python, JavaScript, TypeScript, HTML, CSS, Ruby, C, C++, SQL
Frameworks: AngularJS, Junit, Ruby on Rails, Rspecs, Robotium, React
Technology: Git/Github, Docker, Firebase, LaTeX, Markdown, MongoDB

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.