

# Yassine Berrada Rekhami

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## Summary

Curious and adaptable problem-solver with a B.S. in Computer Science and a minor in Mathematics. Authorized to work in the U.S. under Optional Practical Training (OPT). Experienced in building mobile applications with Flutter and Firebase, exploring AI algorithms, and applying data analysis to create meaningful solutions. I thrive at the intersection of technology and people, combining analytical thinking with creativity to tackle challenges from multiple angles. Currently seeking a Software Developer role in an environment that values innovation, collaboration, and impact.

## Education

### University of Minnesota Duluth

B.S., Computer Science, Minor in Mathematics

2019 - 2025

Duluth, Minnesota

- **Coursework:** Operating Systems, Database Management Systems, Artificial Intelligence, Computer Architecture, Computer Security

## Experience

### Lebara Inc.

Customer Service Representative

Sep 2022 - Nov 2022

Casablanca, Morocco

- Resolved complex customer inquiries via phone, email, and chat in a high-volume telecom environment, leveraging strong communication and problem-solving skills.
- Demonstrated transferable technical competencies and applied agile methodologies to enhance issue resolution processes, supporting streamlined service delivery.

## Projects

### Eat Right – Android App (Team Project)

Oct 2024 - Dec 2024

- Built a mobile app in Android Studio to capture and analyze meals.
- Implemented camera permissions for robust user access and smooth UX.
- Worked in a 4-person Agile team with defined user stories and acceptance criteria.

### Baseball Player Database – MongoDB Project

Mar 2025 - Apr 2025

- Designed and implemented a NoSQL database to manage player statistics.
- Optimized queries and indexing for efficient handling of large datasets.
- Applied database design principles for scalability and reliability.

### Augmented Reality Accessibility Proposal (Research & Strategy)

Nov 2024 - Dec 2024

- Proposed AR-based accessibility solution for campus services.
- Delivered technical feasibility study, stakeholder alignment strategy, and cost analysis.

### Job & Salaries Application – Flutter + Firebase (Team Project)

Nov 2024 - Dec 2024

- Developed a cross-platform app in Flutter using MVVM architecture.
- Integrated Firebase authentication and Firestore DB for secure data handling.
- Added feature to compare software engineer salaries across cities, aiding cost-of-living decisions.

### Solar Wind Data Parser (C++)

Feb 2024 - Mar 2024

- Built a modular system to parse and query scientific solar wind datasets.
- Applied object-oriented design principles (SOLID, factory patterns) to ensure extensibility.

### Ethics of AI Research & Poster Presentation

Jan 2024 - Mar 2024

- Investigated societal impacts of brain-computer interfaces (e.g., Neuralink).
- Presented policy recommendations on privacy, autonomy, and ethical use.

## Technical Skills

- **Languages:** Python, C++, Java, Dart, Kotlin
- **Frameworks & Tools:** Flutter, Firebase, Android Studio, Git, SQL, Visual Studio, Unix/Linux, LaTeX
- **Databases:** MongoDB, Firestore, Relational DBs
- **Other:** Agile, Software Design, Testing, Debugging, Embedded Systems, SolidWorks (Dassault Certified)