

Mari Hirota

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EDUCATION

Bachelor of Arts | **Computer Science**
Northwestern College | Orange City, IA

Expected: May 2025

Relevant Course

Principle of Software Engineering, Database Management Systems, Computer Organization, Networking, Data Mining & Machine Learning, Cybersecurity, Web Development, Data Structure and Algorithm

CodePath

Intro to Android Development

Remote

February 2024 - April 2024

EXPERIENCE

IT Software Engineering Intern | Vermeer

May 2024 - Present

Pella, IA

- Designed and developed new features using C#, .NET framework, and the BFF pattern, while apply CI/CD pipelines utilized GitHub Action, Docker, and Terraform to automate the building to improve deployment consistency.
- Executed unit tests and integration tests (TDD) on the back end to ensure the reliability and performance of the application, enhancing overall system robustness.
- Engaged in agile processes, communicate across diverse teams to consistently deliver high-quality software.
- Maintained technical documentation to accurately explain new and existing software applications.

IT Technician | Northwestern College

August 2022 - Present

Orange City, IA

- Troubleshooting and problem-solving customer network, hardware and software issues for +1700 people including faculty, staff, and students.
- Repairing computers, printer, handled motherboard issues, removed viruses, upgraded hardware and installing software for Windows and Mac.

PROJECT

PiCar-X | [GitHub](#)

- Collaborated with team members to implement a TCP networking solution in Python, enabling seamless control of a car's movement through keyboard inputs.

Portfolio | [Portfolio](#)

- Developed a portfolio website using HTML and CSS and integrated Google Script to enable the contact section's functionality, allowing for seamless communication with visitors.

Astronomy Pic of the Day | [GitHub](#)

- Developed an Android mobile application using Kotlin and the NASA API to showcase Astronomy Picture of the Day, allowing users to effortlessly explore captivating cosmic imagery with a simple tap, generating new random date pictures on demand.

NearbyEats | [GitHub](#)

- Developed a Kotlin based mobile app with a team of 3, leveraging the Yelp API to help users discover hidden gen restaurants nearby, featuring real-time location update and a user friendly interface.

LEADERSHIP EXPERIENCE

President

August 2023 - Present

Intercultural Club | Northwestern College | Orange City, IA

- Assist intercultural students in their transition to the college environment through one-on-one meetings.
- Organized innovation diverse multicultural events, fostering cultural exchange, while also empowering team members to lead specialized events with dedicated support, resulted in a remarkable 30% increase in engagement.
- Represented and fostered inclusion as the face of the Intercultural Club (I-Club), promoting a sense of belonging in the campus community and cultural awareness across campus.

LANGUAGES & SKILLS

Programming Languages: Java, Python, SQL, JavaScript, HTML, CSS, TypeScript, R, Kotlin, C#

Tools: Visual Studio Code, Git, GitHub, Node.js, Angular, RStudio, Wireshark, REST API, Android Studio, Linux, Rider

Languages: Thai (Native), English (Fluent), Japanese (Intermediate)

Member: Rewriting the Code, Learnology (Student Representative), Womanium Quantum Computing and AI Scholar