


# Pouyan Norouzi

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## SKILLS

- Software Development: JavaScript, TypeScript, Python, Java, C#, C, Kotlin
- Web Technologies: HTML, CSS, React, Vue, Next.js, Nuxt, jQuery, Node.js, Express.js, EJS
- Systems: Linux, Bash, Operating Systems, Raspberry Pi, Virtualization, Networking, System Security, Android
- Data: MongoDB, MySQL, PostgreSQL, Firebase, Prisma, DynamoDB, RDS
- Cloud & DevOps: EC2, Lambda, S3, GitDocker, Self-hosting, CI/CD, Nginx

## PROJECTS

### Textbook Hero

Academic Project

A full-stack web application designed to facilitate peer-to-peer buying and selling of used textbooks among students.

- Built responsive and intuitive user interfaces using HTML, CSS, and JavaScript.
- Integrated Firebase for authentication, real-time database management, and data storage.
- GitHub: [https://github.com/PouyanNorouzi/1800\\_202410\\_BBY09](https://github.com/PouyanNorouzi/1800_202410_BBY09)

### DisasterNot

Academic Project

An educational web application designed to help users prepare for natural disasters with an interactive chatbot.

- Developed frontend views using HTML, CSS, and EJS templating in Node.js.
- Created a dynamic chatbot using the OpenAI API to provide natural language responses and summaries for disaster preparedness.
- Built and maintained a MongoDB database to store user interactions and frequently accessed information.
- Focused on delivering a user-friendly design with accessible content to reach a broad audience.
- Github: <https://github.com/raymondxd/2800-202410-BBY28>

### Multicultural Calendar

Personal Project

A cross-platform C-based client using libssh that connects to an SSH server for file management and remote terminal access.

- Utilized Vue and JavaScript for building dynamic and reactive user interfaces.
- Designed RESTful APIs with Node.js to fetch and serve holiday data efficiently.
- Leveraged MongoDB for scalable and flexible data storage.
- Implemented features for search, filtering, and date-based navigation to enhance user experience.
- GitHub: <https://github.com/PouyanNorouzi/multicultural-calender>

### Pouyan Web Services

Personal Project

A global holiday calendar web application displaying holidays from various cultures along with historical and cultural context.

- Developed SSH and SFTP functionality for secure communication with Raspberry Pi servers.
- Ensured compatibility across Linux and Windows operating systems.
- Focused on a clean command-line interface and stable file transfer operations.
- Utilized libssh for efficient session handling and authentication.
- GitHub: <https://github.com/PouyanNorouzi/pws>

### TDP Games

Academic Project

A cloud-hosted real-time game platform designed for AWS deployment.

- Implemented multiplayer game logic using WebSockets and Redis for live state updates.
- Built user authentication, lobby creation, and matchmaking features.

- Deployed using AWS infrastructure with scalability in mind.
- Designed responsive frontend using HTML, CSS, and TypeScript.
- GitHub: <https://github.com/rockclimber147/CloudComputingTermProject>

### Conscious Connections

Conscious Connections

A full-stack dating platform for conscious connections.

- Built user profiles, matching algorithms, and secure messaging features.
- Used Next.js, NextAuth, and Tailwind CSS for a modern, responsive UI.
- Integrated Stripe for subscription-based features and payments.
- Emphasized clean architecture and collaborative Agile development.

## EXPERIENCE

**Front Desk Volunteer**, BCITSA, Burnaby

September 2024 – Present

Providing front-desk support by greeting visitors, handling inquiries, and assisting with administrative tasks.

**Home Solutions Advisor**, Best Buy, Coquitlam

August 2023 – January 2024

I was a seasonal hire that helped with sales during a busy season

**Sales Assistant**, Mehr shop, Karaj

June 2019 – February 2020

*I helped with restocking and sales*

## EDUCATION

**British Columbia Institute of Technology**

January 2024-December 2025 (Expected)

Computer Systems Diploma

Burnaby, BC

**Terry Fox Secondary School**

Class of 2023

Coquitlam, BC