

Rachelle De Man

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Technical Skills

Languages: TypeScript, Python, Dart, Kotlin, JavaScript, HTML, CSS, Ruby, GDScript, SQL, C++, C

Tools: GitLab, Jira, Git, GitHub, AWS, Godot, Figma

Libraries/Frameworks: React, Angular, Vue, Ruby on Rails, Tailwind CSS, Next.js, Matplotlib

Experience

Software Engineering Intern

May 2025 – Aug 2025

Google, Sunnyvale, CA

Dart, TypeScript, Angular

- **Enhanced accessibility and developer experience** across Angular frameworks by making A11y focused TypeScript components compatible with Angular Dart through **cross-language interoperability**.
- Built comprehensive TypeScript to Dart interop demos, highlighting a future path for **framework centralization**.
- Contributed to Google's open source Angular libraries with focus on accessibility and developer experience.

Software Developer Co-op

Sept 2024 – Apr 2025

Vidyard, Waterloo, ON

Vue, Ruby, Ruby on Rails, React

- Improved customer upgrade flow using **Vue, Ruby and React** on Accounts and Billings team.
- Won first place in internal hackathon for innovative integration with Salesforce and HubSpot using AI avatars.

Software Engineer Intern

May 2024 – Aug 2024

Okta, Toronto, ON

Kotlin, AWS, GitLab, Terraform

- Used **Kotlin, Terraform, and AWS** to optimize internal process for critical workflows.
- Engineered a scalable solution **compatible with 21 different systems**, estimated to lead to over **30k in savings**.
- Coordinated with vendors and engineers to ensure a smooth deployment, providing hypercare across various systems.

Developer Intern

May 2023 – Aug 2023

1Password, Toronto, ON

TypeScript, CSS, GitLab

- Utilized **TypeScript** and React to improve **accessibility** and user experience for data reports.
- Assisted in launch of a redesigned Activity Log used by over **100,000 businesses worldwide** such as IBM, Slack, and GitLab.

Technical Executive (Volunteer)

Nov 2022 – Present

DeltaHacks, Hamilton, ON

TypeScript, Next.js, CSS

- Entirely rebuilt **React** application portal and landing page frontend for better mobile-responsivity using **TypeScript, Next.js, and Tailwind CSS**.
- Led creation of applicant status, QR profile scanning and QR linking frontend used by over **1000 participants**.
- Collaborated with events, design, and sponsorship team to guarantee total site accuracy.

Passion Projects

Integrity | HawkHacks | *Python, BeautifulSoup, AI LLM*

May 2024

- Utilized **Python** to create app that scans hackathons on Devpost to check submissions for potential cheating using similarity comparisons with **LLMs**, and GitHub activity analysis.
- Scraped project links, descriptions, and team member information for inspection using BeautifulSoup.

Dash | Hack the North | *TypeScript, React, Tailwind CSS*

Sept 2023

- Created a customize dashboard to assemble online resources into one location. Includes functioning cards for location based weather, recent email contents, GitHub activity for a repo, stock information, calendar events, news, and time.
- Built a widget to display stock information through use of Yahoo-Finance2 **API** to gather current data.

Caravan | *Python, Godot, GDScript*

May 2022 – Sept 2022

- **Procedurally generated** levels with varied shapes, platforms, pathways, enemies, collectables, and decor.
- Made use of physics bodies and the **A* pathfinding algorithm** to randomize dungeon for replayability.
- **Optimized full generation** to enable over 100 room completions in under 4 seconds.

Education

McMaster University | Bachelor of Science in Computer Science, Hamilton, ON

Sept 2021 – Apr 2026

- Deans' Honour List with a **4.0 GPA**.