

PARI VANSJALIA

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EDUCATION

University of Waterloo

Bachelor of Software Engineering, Dual Mathematics and Engineering

Waterloo, ON

Sept. 2024 – May 2029

- GPA: 4.0
- Courses: Linear Algebra, Calculus, Algebraic Systems of Mathematics, Object-Oriented Programming
- Scholarships: Schulich Leader, 120K; Ted Rogers Legacy, 100K
- Activities: UW Formula Electric, Developer

EXPERIENCE

Royal Bank of Canada

Innovation Developer, Team Lead

June 2024 – July 2024

Toronto, ON

- * Led the development of an API that inserts company designed front-end header and footers into external partner sites, saving the company over \$10,000 for each design change totalling to over \$50,000 saved in the next year
- * Updated the Avion Site's frameworks from iFrame to Angular to decrease load time by over 40 percent
- * Used NodeJS, JavaScript and Java to develop the API allowing all external sites using company design to become instantly updatable, decreasing the development time on the vendor site by 100%

Innovation Developer

June 2023 – July 2023

- * Selected from 950+ applicants to join the RIG, a front-end design team
- * Within 6 weeks, worked in a team of 4 to develop 7 reusable front-end components for the internal RBC library
- * The team's release featured over 1500 implements across the company and increased user, front-end developers at RBC, task efficiency by 35 percent.
- * Presented our project in front of company executives and seniors, gathering over a 100 people to share new opportunities for the company with our project

Innovation, Research and Foresight Intern

June 2022 – July 2022

Interac Corp.

Toronto, ON

- Worked full-time with the Director of Innovation in line with the Manager of Innovation Waterloo to publish, design and write [a report on Web 3.0](#) and create future possibilities for the company in the realm of DAOs: Trendsight on DAOs
- Bench marked information on various companies later shared with company executives to collaborate on growth targets of the company
- Analyzed current economic issues with the whole Innovation department of 27 people based on their roles to find gaps in the Canadian financial market for possible entry

Bioinformatics Intern

June 2022 – October 2022

LatchBio

San Francisco, California

- Re-designed the website and soft-ware development kit (SDK) with the lead Product Engineer helping over 100 developers directly with straightforward instructions
- Worked with the Product Engineer to design workflows for the software and published summaries on how users can use the tools, creating 7 distinct no code interface tools
- Coded in python and utilized docker files to create software with the aid of external libraries that can help researchers visualize and analyze their data

VOLUNTEERING

CREATE Markham | *Board of Directors, Previous President*

November 2020 – Present

- Led an executive team of 30, now provide guidance for future leaders.
- Handle the usage of annual 30k+ budget for various events and charities
- Spearhead the administrations of the in-person overnight conference with over 150 attendees
- Delegate volunteering prompts to 11 teams, each with an individual corporate sponsor, increasing community involvement

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS, Angular, Swift

Frameworks: React, Node.js, RestAPI

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, IntelliJ, Eclipse, MS Office