

TEJASH PATEL

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EDUCATION

Carleton University

Ottawa, ON (2018–2023)

- Bachelor of Software Engineering, Co-op option
- Programming Coursework: Algorithms & Data Structures, OOP Software Development, Software Design, Database Management, Computer Organization & Architecture, Real-time Systems
- Honors: Dean's Honours List | Cumulative Average: 11.7/12.0 (A+)

WORK EXPERIENCE

Kinaxis

Software Developer Co-op, Product Verification DevOps

Ottawa, ON (Jan. 2021 - Aug. 2021)

- Worked with the DevOps team using Agile methodologies to design and develop applications and platforms needed to support the ongoing development of RapidResponse
- Participated in the maintenance of the Quality Data Warehouse, an application framework that uses a mix of database technology (Microsoft SQL Server) to deliver near real time metrics for the R&D organization
- Analyze Jenkins pipeline executions and implement improvements to reduce infrastructure downtimes
- Develop dashboards using C#, .Net, Ag-grid, Visual Studio, SQL Server, Docker for gathering testing metrics that are used by the Release Delivery team

National Research Council of Canada

Web Application Developer Co-op

Ottawa, ON (May. 2020 - Aug. 2020)

- Developed real time data visualization dashboards for clients using D3.js, jQuery, interactive SVG to display building energy consumption data
- Designed energy dashboard with a neat user interface helping building managers to analyze and optimize production costs as well as to increase the overall profitability in the long-run

Carleton University

Teaching Assistant

Ottawa, ON (Jan. 2020 - Apr. 2020)

- Helped students understand and master object oriented programming (Java) and software development concepts during multiple weekly lab sessions

PROJECTS

Web Developer - cuHacking

(Feb. 2019 - Feb. 2021)

- Collaborated with a team of six developers to create a suite of online services that was used to augment hacker experience for 600 hackers at cuHacking 2020
- Developed the website including the blog page for the cuHacking community using Typescript, React, and Ghost API

Oshawa Payday Loans

(May. 2019 - Aug. 2019)

- Created a loan management web platform for a local business to manage loans and generate reports using both front-end and back-end tools and technologies – HTML, CSS, Bootstrap, JavaScript, NodeJS, ExpressJS, and mongoDB
- Deployed the full stack web application software to handle more than 500 customers and manage their loans

LEADERSHIP

Publications Committee Chair - IEEE Ottawa Section

(Jul. 2020 - Present)

- Coordinated the publications team to strategically and efficiently manage the social medias and website

Consulting Director - Carleton Engineering Competition

(Aug. 2019 - Oct. 2019)

- Directed consulting competition at Carleton, designing an unique and challenging problem statement and delegating tasks to volunteers which resulted in a smooth running competition

SKILLS AND INTERESTS

Technical Skills Java, JavaScript, C#, TypeScript, Git, MySQL

Frameworks (Frontend): React, jQuery, D3.js, Bootstrap (Backend): .Net Core, Express, NodeJS

Interests Algorithms, DevOps, Web Development, Web Design, APIs, Database