DIMITAR JANEVSKI

dimitar.j27@gmail.com | (415) 336-0879 | linkedin.com/in/dimitarjanevski/ | dimitar.ca

EDUCATION

University of Calgary, BSc in Software Engineering | GPA: 3.92/4.00   September 2020 – April 2025
- Seymour Schulich Community Service/Entrepreneurship Prestige Award, Dean's List (2020-2023)

WORK EXPERIENCE

TikTok | Software Engineering Intern | Vancouver, BC   February 2024 – May 2024
- Incoming intern on the Trust and Safety team, working on protecting users from harmful content by building content moderation process systems, risk insight systems, rule engines, and more.

Tesla | Software Engineering Intern | Austin, TX   September 2023 – December 2023
- Built a tool using **React, TypeScript, Python,** and **GraphQL,** to visualize factory design quality checks, enabling early-stage error resolution by detecting critical layout flaws pre-production.
- Spearheaded the animation of material flow in Gigafactories using **DeckGL**, assisting engineers across Tesla in optimizing designs faster and minimizing flow collisions, saving time and money.
- Implemented support in **React** app for configuring movement of automated guided vehicles.
- Automated frontend type generation using **gql-codegen**, eliminating runtime API type errors.

Semgrep | Software Engineering Intern | San Francisco, CA   June 2023 – August 2023
- Series C start-up building security tools used by companies like Snowflake, Lyft, Shopify, and more.
- Designed and built a notification system using **React, TypeScript, Flask** and **PostgreSQL**, increasing users' awareness of security vulnerabilities by enabling **200+** developers to send in-app notifications.
- Developed a full-stack usage limit alert system leading to a **15%** rise in plan upgrade conversions.
- Implemented an interactive onboarding for new users leading to a **13%** increase in new user retention.

FansFirst Tickets Inc. | Lead Software Engineer | Remote   May 2022 – June 2023
- Onboarded and managed a team of **3** developers in the development of new features for **25k**+ users.
- Drove the expansion of the site by adding **10** teams to the site, leading to a **42%** increase in revenue.
- Improved site stability by refactoring legacy code, leading to a **68%** decrease in critical site crashes.
- Introduced an **Agile** workflow with Kanban and weekly stand-ups, improving time-to-market by **23%**.

FansFirst Tickets Inc. | Full Stack Engineer | Remote   January 2022 – May 2022
- Implemented the **React** frontend of a new seller dashboard leading to a **25%** increase in user listings.
- Built an end-to-end blog system using **React**, **Python, AWS Lambda**, **S3**, and **CloudFormation,** leading to a **32%** increase in organic web traffic and a **21%** increase in Google search query performance.
- Wrote a **Python** fraud detection algorithm utilizing user info, transaction history, 3DS2, and AVS verification, resulting in a **45%** increase in fraud detection accuracy and **$225K+** saved in fraud loss.

Tech For Good Inc. | Software Engineering Intern | Remote   June 2021 – August 2021
- Collaborated with a team of 8 in developing cache-based internet access to parts of rural Africa.
- Developed a **Python** script to collect and transmit device data to **AWS IoT Core** using **MQTT.**
- Spearheaded the **Docker** containerization of **Node.js** server, optimizing scalability and deployment.

PROJECTS AND LEADERSHIP

Schulich Ignite | Vice President of Content Development/Mentor
- Oversaw a **15**-member team in the development of **Python** lectures for **400+** high school students as well as tech used by **100+** members; organized hackathon for **30+** students; mentored **8** students.

Sketch Royale | Full Stack Developer | https://github.com/dimitar-j/SketchRoyale

- Built a **distributed** web-based multiplayer drawing game using **React**, **TypeScript**, and **Node.js**.
- Developed the game's frontend; added backend support for live drawing and chats using **WebSockets**.
- Implemented a distributed backend with fault tolerance, passive replication, and client-side failover.

SKILLS

JavaScript | Node.js | HTML/CSS | React | Python | Java | C/C++ | AWS | GCP | Linux | Git | Docker | CI/CD