

## DIMITAR JANEVSKI

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### EDUCATION

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**University of Calgary**, BSc in Software Engineering | GPA: 3.92/4.00 September 2020 – April 2025

- Seymour Schulich Community Service/Entrepreneurship Prestige Award recipient (\$39,450)

### WORK EXPERIENCE

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**Software Engineering Intern** | Tesla | Austin, TX September 2023 – December 2023

- Incoming intern working on tools to support mobile robots and vehicles across Gigafactory facilities.

**Software Engineering Intern** | Semgrep | San Francisco, CA June 2023 – August 2023

- Designed and built an in-app notification system using **React**, **TypeScript**, **Flask** and **PostgreSQL**, enhancing UX through curated actionable items, and increased awareness of security vulnerabilities.
- Developed a full-stack usage limit alert system leading to an **8%** rise in plan upgrade conversions.
- Implemented an interactive onboarding for new users leading to a **13%** increase in new user retention.
- Streamlined project addition process leading to a **12%** increase in scanned projects for existing users.

**Lead Software Engineer** | FansFirst Tickets Inc. | 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 old code, leading to a **68%** decrease in critical site crashes.
- Achieved **100%** project transparency, decreased time-to-market by **23%** and improved team efficiency by **20%** by introducing an Agile workflow through Kanban and hosting team-wide weekly stand-ups.

**Full Stack Engineer** | FansFirst Tickets Inc. | 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.

**Software Engineering Intern** | Tech For Good Inc. | 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.

**Software Engineering Team Member** | Relectric | Calgary, AB October 2020 – January 2022

- Simulated CAN frames with can-utils which assisted in implementing **CANBUS** for all inter-device communication; improved onboarding times by **21%** by automating documentation page with **Sphinx**.
- Tested optimizations to tech stack which resulted in **40%** faster start-up times on a **Raspberry Pi 4**.

### PROJECTS AND LEADERSHIP

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**Vice President of Content Development/Mentor** | Schulich Ignite

- 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.

**Front End Lead** | DuoChef | <https://devpost.com/software/duochef>

- Developed a gamified web-app for learning to cook with a computer vision powered points system.
- Led **Figma** design and implementation of **React** front end; **1<sup>st</sup>** place winner in 24-hour HYL Hackathon.

**Full Stack Developer** | Sketch Royale | <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

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