

# Stefan Pitigoi

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## EDUCATION

### Queen's University

*Bachelor of Computing (Artificial Intelligence Focus), Minor in Mathematics*

**Kingston, ON**

*Expected Apr 2025*

- **GPA:** 4.27/4.3
- **Scholarships and Awards:** Dean's Honor List, Principal's Entrance Scholarship (\$4000)

## EXPERIENCE

### Distributive | [distributive.network](https://distributive.network)

*Contract Full-Stack Developer*

**Kingston, ON**

*Feb 2023 – May 2023*

- Collaborated with a design team to efficiently implement a responsive website using React.js and Tailwind
- Developed About page to effectively highlight company news, media and company employees' positions
- Engineered parallax scrolling [DCP Platform page](#) to creatively spotlight company service offerings

### Queen's Machine Intelligence & Neuroevolution Design Club (QMIND) | [qmind.ca](https://qmind.ca)

*Web Development Coordinator*

**Kingston, ON**

*May 2022 – Present*

- Implemented landing and leadership pages using Next.js to update club website which now has 4000+ monthly views
- Automated custom roles on signup using Google Firebase APIs for 150+ members
- Demonstrated leadership mentoring junior web team members in effective use of Next.js and Tailwind

*Computer Vision Design Team First Year Representative*

*Sep 2021 – May 2022*

- Trained a sequential machine learning model to detect eye movement to scroll webpages hands-free
- Engineered a data collection system in Python to collect, crop and store images to train model
- Showcased the model in action at the Canadian Undergraduate Conference on AI (CUCAI) for 50+ attendees

### Queen's University Hackathon (QHACKS) | [qhacks.io](https://qhacks.io)

*Web Developer*

**Kingston, ON**

*May 2023 – Present*

- Collaborated with a team of students to design and develop the official QHACKS club website, providing a platform to showcase the club's history, team members and offerings
- Spearheaded the implementation of the registration pipeline for the club's annual hackathon with over 500+ attendees

## PERSONAL PROJECTS

### Twitchdl | [twitchdl.stefpi.me](https://twitchdl.stefpi.me)

- Designed and created a web app using Twitch.tv APIs to download clipped videos of streams on Twitch
- Helped stream editors by allowing them to download multiple clipped videos at once, unlike other available services
- Re-engineered backend into NPM module to abstract API calls; 800+ downloads, 7+ dependent Github repositories
- **Technologies:** Node.js, HTML, Pug, CSS and Python and deployed the app on personal VPS with Nginx

### Trex ML | [trex.stefpi.me](https://trex.stefpi.me)

- Developed a website where you can train your own image classification model to play Google Chrome's Dino game
- Implemented TensorFlow.js and pre-trained CNN MobileNet image classification model
- **Technologies:** TensorFlow, HTML, CSS, Javascript

### ASCII Webcam | [stefpi.github.io/asciiwebcam](https://stefpi.github.io/asciiwebcam)

- Developed a client-side javascript app that converts real-time webcam video into an image made of ASCII characters

## ADDITIONAL INFORMATION

### Extracurricular Activities:

- Volleyball | Competed at the provincial level for 2 years – won bronze medal at Ontario Championships in 2019 | High School Varsity team captain for 2 year

**Programming Languages:** Java, Javascript (Node.js, React.js, Next.js), Python, C

**Technologies:** TailwindCSS, GitHub, Gitlab, Figma, Linux, Bash, TensorFlow

**Interests:** Fashion (Founder of @front814 clothing, a small Instagram based clothing brand), Movies ([blog.stefpi.me](https://blog.stefpi.me))