

A result oriented aspiring software engineer with over 7 years of experience in coding. I am passionate about finding optimal and creative solutions to inherently complex problems. Years of international experience in Kazakhstan, Ukraine, Czechia, and Switzerland molded me into an open-minded, reflective, and resilient individual, committed to integrity.

## Education:

---

Toronto, Canada	<b>University of Toronto</b>	2021 - 2026
-----------------	------------------------------	-------------

- Major: Computer Engineering. Minor: Engineering Business.
- Relevant Coursework: Software Engineering, Operating Systems, Logic Design, Signal Processing, Computer Architecture, Finance, Supply Chain Management, Economics.

## Professional Experience:

---

<b>Digital Technology Co-op</b>	<i>Collins Aerospace</i>	Oakville, Canada	September 2024 - July 2025
---------------------------------	--------------------------	------------------	----------------------------

- Working on an internal tool written in Python (PyGUI) to create seamless processing of actions on the machine floor and the operators.
- Backend development (.NET).
- Implementing solutions in Solumina SDK (Java).
- Creating robust desktop apps (.NET & C#) with a creative approach for machine floor operators.
- Implementing/improving PowerApps to improve productivity.
- Implementing/improving solutions involving Excel.

<b>Software Engineering Intern</b>	<i>Tengri News</i>	Almaty, Kazakhstan	July 2024 - August 2024
------------------------------------	--------------------	--------------------	-------------------------

- Worked in the data science/ML department at Tengri News.
- Processed more than 1M comments for sentiment analysis (RoBERTa). Challenges involved training the model for Kazakh & Russian languages with various approaches (translation through an API & creating own encodings).
- Created a prototype for a hybrid recommendation system, which was initially based on LightFM. End product was able to recommend articles to users (of which ~70% found to be interested in).

<b>Software Engineering Intern</b>	<i>Jusan Invest JSC</i>	Almaty, Kazakhstan	June 2023 - August 2023
------------------------------------	-------------------------	--------------------	-------------------------

- Worked in the frontend team of “Jusan Invest”, a subsidiary of one of Kazakhstan’s largest banks Jusan focusing on investment banking.
- Developed a new regression testing suite, covering major frontend components of the Jusan web application using Cypress and Selenium frameworks, which helped reduce the amount of code bugs by 23%.
- Implemented a test coverage visualization tool in GitLab.
- Collaborated in the development of a limited time event at Jusan Invest: “Raffle” where I was a part of the team responsible for developing frontend for the mobile application (React Native).

<b>Software Engineering Intern</b>	<i>Lifestream Inc</i>	Almaty, Kazakhstan	June 2022 - August 2022
------------------------------------	-----------------------	--------------------	-------------------------

- Worked on an OTT (providing media services directly to consumers) platform “Smotreshka.TV” at Lifestream, a video systems integration company.
- Designed regression tests using Cypress and Selenium for front-end components of the service for newly developed components.
- Collaborated on improving the RTSP client using the GStreamer library (C++). It was my first experience of solving challenging problems associated with efficiency of the service.

## Skills:

- 
- Extensive experience with AWS, Azure and FireBase.
  - Experience in development of Full Stack Apps with React.js, Vue, and Next.
  - Experience in mobile development React Native, Flutter and Swift.
  - Experience in database management with SQL, MySQL and DB2 (IBM).
  - Proficient in C++, C, Python, C#, Javascript, Java, YAML, Verilog, HTML/CSS.
  - Languages Spoken: English, German, Kazakh, Russian.

## Interests & Activities:

---

- UofT Skule 1st Division Soccer Team + Tri-Campus League 2022 - now
- Engineers Without Borders (Steps Towards Sustainability) 2022 - now
- University of Toronto Hyperloop Team 2022 - 2023
- Graduate of a Musical School (Class of Piano).