

# ZHANERKE ZHUMASH SAMATKYZY

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## EDUCATION

**Bachelor of Science: Mathematics and Economics Combined Major**  
University of British Columbia (UBC), Vancouver, Canada

**Sept 2021 - Present**

## HONORS AND AWARDS

- **Karen McKellin International Leader of Tomorrow Scholar (2021-Present), UBC:** Nominated and selected internationally with a 1% of acceptance rate and guaranteed full-ride scholarship throughout the entire undergraduate degree. The award recognizes superior academics, leadership, and community service (GPA: 3.3/4.0).
- **Scored top 10% BOLT BootCamp DataThon (2023), UBC Sauder:** Given for solving “Bluechip Credit” company’s high attrition rate case and leveraging data analytics and data visualization skills with Python (numpy, Matlab, seaborn, pandas) and Tableau.
- **Selected for Canada’s Top Students (2022), Scotiabank:** Awarded for outstanding performance in product development (UX/UI design and web development) using Figma and marketing solutions involving Adobe Creative Suite, creativity, research, and data analysis tools.
- **Merit-Based Haileybury Astana Scholar (2019-2021):** Selected for one of eight 100% scholarships to attend Haileybury Astana British School and do the International Baccalaureate Bilingual Diploma Program (Score: 42/45).

## EMPLOYMENT

**Webmaster, WiCS UBC, Vancouver, Canada**

**Jan 2022-Present**

- Responsible for overseeing operations of the WiCS website, working closely with event directors to coordinate website features, schedules, and event details/content.
- Updates WiCS website frequently with event recaps, new sponsors, and related content, designing and implementing new pages as needed.
- Speaks and runs workshops, covering practical tips on how to build full stack using modern tools and techniques that scale and are future-proof.

**Chief Financial Officer, ProfEd startup, Almaty, Kazakhstan**

**Dec 2021-Jan 2023**

- Helped raise over 15,000 USD in funds for assisting technological development of Virtual Reality Career Guidance. Worked closely with staff to ensure grant objectives were met.
- Supervised the business plan, budget, and expenses of the project. Researches and develops grant proposals for foundations, government agencies, and corporate philanthropies.
- Coordinated communications with 20 private schools in Central Asia and the Ministry of Education in Kazakhstan.

**IB Tutor, Buki.kz, Astana, Kazakhstan**

**Jan 2020-Sep 2021**

- Collaborated with students to complete homework assignments, identifying lagging skills and weaknesses in IB STEM subjects.
- Motivated students towards learning and studying to build self-confidence and reduce fear of failure, thus helping them achieve 7 and 6 out of 7 in IB MOCK exams.

**TECHNICAL SKILLS:** R, Tableau, Microsoft Office, Microsoft Excel, SQL, MatLab, Python, Java, Javascript, Blender, Adobe PhotoShop.

**LANGUAGES:** Native **Kazakh and Russian**. Fluent **English**. Limited proficiency **French**.

## LEADERSHIP EXPERIENCES

**Cyber Security Trainer, UNICEF, Kazakhstan**

**Sep 2022-Dec 2022**

- Managed a group of student volunteers and was responsible for setting up remote lessons about cyber security and media literacy in secondary schools in Kazakhstan.

**Hackathon Director, UBC BizTech, Vancouver, Canada**

**Apr 2022- Sept 2022**

- Organized a local hackathon for over 200 students, collaborating with AngelHack based in San Francisco.
- Developed and managed the event’s budget, arranged event logistics and accommodations, delegated tasks, and conducted post-event evaluations.

## TECHNICAL PROJECTS:

- **Fashion Recommender system using Python:** Built a fashion recommendation system using the nearest neighbor algorithm and predicted for the dataset from Kaggle Stack Overflow (44,096 jpg items). User and interaction data was used with ResNET50 architecture to extract image feature vectors to find similar images.