

# AIGUL SHARIP

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## INFORMATION

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<b>Technical Skills</b>	Java, Python, JavaScript, R, C, Unix/Linux, HTML, CSS, SQL, Postgres
<b>Languages</b>	Fluent in Kazakh, Russian and English, Intermediate German, Basic French
<b>Frameworks/Libraries</b>	Spring Framework, Java EE, Git, JUnit Testing, Postman, Lombok, Camunda
<b>Interests</b>	Back-end Java Development, Bioinformatics, Software Engineering

## WORK EXPERIENCE

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### Nazarbayev University

Bioinformatician, Laboratory of Bioinformatics and System Biology

March 2019 - current

- Transcriptome data analysis of esophageal cancer tissue of Kazakhstani patients
- Whole-genome sequencing and genome variant analysis of Kazakh individuals
- Co-author of 6 research articles, participated in 3 international research internships (USA, Germany and Japan)

## PROJECTS-COURSES

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### Java Backend Developer, 10-week internship, DAR

(March –June 2022)

- Covered the fundamentals of back-end development on Spring Boot
- Building web application with microservice architecture with Spring Cloud and Eureka Service
- Developed back-end server side of Event Manager project
- Technical Skills: Spring Boot, Spring Data, Spring Cloud, Eureka Discovery Service, OpenFeign, Elasticsearch, Kafka

### Java Backend Developer, 3-month intensive course, BitLab Academy

(December 2021 – March 2022)

- Covered the fundamentals of front-end development and created own VK and Twitter pages
- Learned web development with Java EE and created NeoClinicITService web app for medical centers
- Covered Spring Frameworks and developed Task Manager app with Spring Boot and Spring Data
- Developed Online Pharmacy web app with Spring Boot, Spring Data and Spring Security
- Technical Skills: HTML, CSS, JS, Bootstrap, JAVA EE, Spring Boot, Spring MVC & Data, Spring Security

### Backend Java training, 4-week intensive course, OneLab

(October–November 2021)

- Covered the fundamentals of Spring Framework, Spring AOP, Spring Data with JDBC, Hibernate, JPA and Transaction Management
- Developed AppleShopSpringProject RESTful web app using Spring Data and in-memory H2 database
- Technical Skills: Spring Core, Spring AOP, Spring Data, Hibernate, Spring Security, Camunda

### NFactorial School

(November 2020 – August 2021)

- Completed nFactorial Start - Introduction to Computer Science, 8-week intensive program in Java, with Gold Certificate of Achievement, November 2020 - January 2021
- Learned to solve algorithms and data structure problems at 8-week intensive nFactorial Algorithms and Data Structures course in Java (completed with Silver Certificate of Achievement), June - August 2021
- Completed 11 Java projects and solved 50 problems in Leetcode

### Completed Computer Science courses

(March 2021- February 2022)

- Successfully completed Interactive Practical SQL course on Stepik, January 2022
- Completed Advanced Java course, instructed by Neil Alishev on Udemy, September 2021
- Finished online introductory Git course, instructed by Neil Alishev on Udemy, May 2021
- Accomplished Android App Development Course by NURIS Nazarbayev University, completed 7 projects, March-May 2021.
- Completed Yessenov Data Lab, 8-week intensive summer school for Data Scientist, 10 June - 2 August 2019

**Link to all mentioned projects and certificates:** <https://github.com/aigulsharip/>

## EDUCATION

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### **Nazarbayev University**

Nur-Sultan (August 2017 – May 2019)

- Master of Biological Sciences
- Cumulative average: 4.00 out 4.00 (with the highest distinction)
- Honors: Dean's list for Spring and Fall 2018 semesters; Receival of Honor Diploma from First President of RK

### **Nazarbayev University**

Nur-Sultan (August 2013 – May 2017)

- Bachelor of Biological Sciences
- Cumulative average: 3.66 out 4.00
- Honors: Dean's list for Fall 2015 and Fall 2017 semesters

## EXTRACURRICULUM ACHIEVEMENTS

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- Fellowship to participate at Yessenov Data Lab, 8-week intensive summer school for Data Scientist, June-August 2019, Almaty
- Travel award from School of Science and Technology, NU for research internship at DRFZ, Germany, July-August 2018
- Scholarship for Research Internship from IRCMS, Kumamoto University, Japan, November-December 2017
- Aegean Conference Travel Award at the 8th International Conference on Autoimmunity: Mechanisms and Novel Treatments, 17-22 September 2017, Rhodes, Greece
- Third prize in the Excellent Article Award in the 5th Guangzhou International Symposium on Oncology, 1-3 December 2016, Guangzhou, China
- Winner of Foundation Summer Research Fellowship for internship at UCSF, USA, January 2016
- Our team was awarded the silver medal in the «International Genetically Engineered Machine(iGEM)», 24-28 September 2015, Boston, USA