
EMPLOYMENT

Mobile Developer	nFactorial Incubator	July 2018 – August 2018
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- Developed and published both IOS and Android application on Kazakh “Ashyg Hattar” for ease of elder population for image search and sharing. 200+ downloads. NodeJS, Java, React Native, Firebase.
- Built several clone apps of CookBook, Instagram, FreelanceApp, and Splitwise on React Native.

Software Engineer Intern	Zerde National Infocommunication Holding	May 2018– July 2018
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Architectural web portal of Kazakhstan Government’s information systems

- Implemented user activity monitoring web service for detection of suspicious activity. Designed and created both REST service and admin interface. Java (Spring Framework), NodeJS, HTML, CSS, AngularJS.
- Developed user-interface for search and export of documents using Elastic Search in MongoDB database.

Country Executive in Kazakhstan	Central Asian Youth Network	August 2017 – September 2018
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- Organized seminar on topic of countering Violent Extremism and Radicalization Leading to Terrorism for new cohort of participants of CAYN which was held and supported by the OSCE.
- Arranged CAYN alumni reunions in Astana and Almaty.

EDUCATION

Astana, Kazakhstan	Nazarbayev University	2017 - 2021
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- B.SC. in **Robotics and Mechatronics**. Cumulative GPA: 3.71/4.00. Increased State Academic Scholarship.
- Coursework: Calculus II, Differential Equations, Linear Algebra, Programming for Scientists and Engineers (C), Performance and Data Structures (Java), Mechanics: Statics and Dynamics, Electrical and Electronic Circuits I with Lab, Signals and Sensing with Lab (MATLAB)

Projects

- **SearchBot** (August 2018). Have written Telegram chat-bot on Python which searches and scrapes information from Google, Yandex, Mail.ru, and Rambler constantly, and informs users about changes in result positions (acquired by private company). Stack: Python, Git, Pandas, BeautifulSoup, Amazon AWS.
- **Decentralized Student Government Election Application** (April 2018). 2nd place in HackNU hackathon in “Blockchain” section. I have written smart-contract on Solidity, tested it on Ethereum TestNet, and created intuitive web interface. Stack: Solidity, NodeJS, HTML, CSS, JS.

ADDITIONAL COURSES

- **Machine Learning by Stanford University** – Certificate. Solutions on Github
- **Neural Networks and Deep Learning** – Certificate. Solutions on Github
- **FinTech Bootcamp organized by Astana International Financial Center** – acquired basic knowledge and skills of Blockchain smartcontracts (Solidity), DApps development, hashing, and cryptography.

Programming languages and Technologies

- Java, Python, C, NodeJS, ReactJS, AngularJS, React Native (mobile development), MATLAB, Simulink
- Git, NoSQL, GraphQL, Firebase, Figma

Contacts

<https://github.com/kurshakuz>

<https://www.linkedin.com/in/shyngyskhan>