SHYNGYSKHAN ABILKASSOV

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EMPLOYMENT

Mobile Developer nFactorial Incubator July 2018 – August 2018

- Developed and published both *IOS and Android application* in Kazakh **«Ashyq Hattar»** for ease of elder population for image search and sharing. **NodeJS, Java, React Native, Firebase.**
- Built several clone apps of *CookBook, Instagram, Upwork, and Splitwise* on React Native.

Software Engineer Intern Zerde National Infocommunication Holding May 2018 – July 2018

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

- 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 August 2017 – May 2021

- 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.**

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

- Proficient – **Java, Python, JavaScript (ReactJS, AngularJS, React Native)**
- Prior experience – **C, NodeJS, MATLAB, Solidity**

  NoSQL, GraphgQL, Firebase, Figma