Nurlybek Karshiga

Software Developer

EDUCATION

State University of New York
Plattsburgh, NY / May 2019

B.S. in Computer Science
Major GPA: 3.57

B.S. in Economics
Major GPA: 3.53

Overall GPA: 3.60

Honors: Advanced Honors Award for CS project, Dean's list

CONTACT

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🌐 | https://nkprod.github.io

in | /nkprod

 | /nkprod

TECHNICAL SKILLS

Technologies: Java, Swift, Python, JavaScript, C, C++, Node JS, HTML5, CSS3, MySQL, Firebase Firestore, IOS, Android, Functional Programming, Object Oriented Programming, Realtime DB, Mango DB

Other: Agile Methodologies, Project Management, Testing, Prototyping, Time Management, Communication, Team Work, UI/UX Design, Leadership

EXPERIENCE

Full Stack Developer
State University of NY / Plattsburgh, NY / Sep 2019 - Present

- Developed an internal website for teaching purposes for Economics Department of SUNY Plattsburgh
- Collaborated with Econometrics Professors on creation of interactive quizzes and data analysis frameworks for Economics students of SUNY Plattsburgh

Software Developer Intern
Astana International Financial Center / Astana, KZ / Jun 2018 – Aug 2018

- Collaborated with a team of 25 professional developers to create an internal website for "AIFC Authority" within the AIFC financial hub
- Integrated the responsive news section for sharing recent updates on legal issues for legal professionals within "AIFC Authority"

Teacher Assistant
State University of NY / Plattsburgh, NY / Sep 2017 – Dec 2017

- Assisted up to 25 students in laboratory projects twice a week for 3 hours and held office hours twice a week for 2 hours
- Provided assistance for students by explaining advanced programming concepts, fixing bugs and providing feedbacks on programming assignments

Mobile Developer Intern
Zero to One Labs / Astana, KZ / May 2017 – Aug 2017

- Worked in the team of 5 IOS developers on creation of AIFC financial exchange application and earned the opportunity to intern in AIFC financial hub
- Developed an IOS application for Kazakh language text recognition as a personal contribution to the company's application portfolio

TOP PROJECTS

FINDMYPUPPY – Swift, Firebase Firestore
Advanced Honors Project / 2019

- Wrote clean and maintainable code in Swift to build a robust app
- Developed a Convolutional Neural Network for recognition and classification of 120+ breeds of dogs with 87% accuracy as measured by confusion matrix to optimize process of rescuing lost dogs
- Wrote a research paper called "Building dog breed recognition IOS application using Convolutional Neural Network"

AutoInfo – Java
Class team project / 2018

- Developed mobile application to help users to search through extensive database of cars and find distributors through the map
- Lead an agile team of 3 developers to complete the project in the span of 3 months