

# Nurlybek Karshiga

## TECHNICAL SKILLS

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

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

## EDUCATION

**State University of New York**  
Plattsburgh, NY / May 2019

**B.S. in Computer Science**  
Major GPA: 3.58


**B.S. in Economics**  
Major GPA: 3.55

**Overall GPA: 3.61**

**Honors: Advanced Honors**


**Award for CS project,  
Dean's list**


## CONTACT

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 | <https://nkprod.github.io>

 | /nkprod

 | /nkprod

## EXPERIENCE

### Full Stack Developer

State University of NY / Plattsburgh, NY / Feb 2019 – May 2019

- Developed the internal website for teaching purposes for Economics Department of SUNY Plattsburgh
- Collaborated with Professors of Economics to create a section with interactive quizzes for future assessments

### Software Developer Intern

Astana International Financial Center / Astana, KZ / Jun 2018 – Aug 2018

- Collaborated with a team of 10 professional developers to create the internal website for AIFC financial hub
- Integrated the responsive news section for sharing recent updates on legal issues for legal professionals within AIFC financial hub

### Teacher Assistant

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

- Assisted up to 25 students with CS projects twice a week for 3 hours and held office hours twice a week for 2 hours
- Helped students to build a better understanding of advanced CS topics by explaining advanced programming concepts, fixing bugs and providing feedback on programming assignments

### Mobile Developer Intern

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

- Worked in the team of 5 IOS developers to create the IOS financial exchange application
- Developed the IOS application with text recognition capabilities as a personal contribution to the company's application portfolio

## TOP PROJECTS

### FINDMYPUPPY – Swift, Firebase

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, Firebase

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