ZHANTORE ORYNBASSAROV

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EDUCATION

Korea Advanced Institute of Science and Technology Mar 2016 - Feb 2021 (Expected)
Bachelor of Science in **Computer Science** CGPA: 3.6/4.3
Minor in **Mathematical Sciences**

EXPERIENCE

Cisco Systems, Inc. San Jose, CA, USA
Software Engineer Intern August 2019 - May 2020

- Developed a Cisco Webex Teams chatbot cooperatively for automated question answering and fast provision of assistance to customers and internal vendors using Node.js
- Designed and built hosting infrastructure for dockerized application on Google Cloud Platform with MongoDB storage
- Suggested and integrated Rasa NLU and Amplitude analytics into chatbot for message intent prediction and usage analytics

Skelter Labs Seoul, South Korea
Software Engineer Intern January 2019 - February 2019

- Modeled gender and age predictor for user context recognition using a dataset of over 65k images under the guidance of senior data scientists.
- Achieved 85% accuracy on gender predictor and 60% accuracy on age predictor from deep learning models using user activity and image data
- Enhanced my feature engineering skills for deep learning and familiarity with docker and kubernetes frameworks
- Managed to enlarge knowledge graph of users by adding predicted values of age and gender

PROJECTS

MangoSub github.com/mangosub/mangosub.github.io

- Worked in a collaborative project to develop a crowdsourced subtitle creation platform in a team of 4
- Responsible for user account management, user authentication and automated subtitles file creation using Firebase and Javascript

Sudoku with solver github.com/zhanto97/sudoku-puzzle

- Built a Sudoku game application using Pygame python package
- Introduced a backtracking solver visualizer to show how traditional computer sudoku solver works

TCP github.com/zhanto97/KAIST-CS341-TCP

- Implemented POSIX equivalent system call layer in C++ for educational TCP implementation with full set of functionalities such as flow control, reliability and congestion control (TCP Reno)
- Learned about network dynamics and ways of recovery from losses and packet reorders

TECHNICAL STRENGTHS

Programming Languages	Python, C++, Javascript
Frameworks & Tools	Node.js, Django, Flask, React.js, Docker, GCP, Tensorflow, Git
Databases	PostgreSQL, MongoDB, Redis