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 predictors for user context recognition and achieved 85% and 60% accuracy, respectively, under the guidance of senior ML engineers
· Built a machine learning pipeline with MongoDB database and made a Python package with Bazel build tool
· Managed to enlarge knowledge graph of users by adding predicted values of age and gender and familiarized myself with docker and kubernetes frameworks

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