

# ZHANTORE ORYNBASSAROV

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## EDUCATION

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**Korea Advanced Institute of Science and Technology**

*Mar 2016 - Feb 2021 (Expected)*

Bachelor of Science in **Computer Science**

Minor in **Mathematical Sciences**

## EXPERIENCE

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**Cisco Systems, Inc.**

San Jose, CA, USA

*Software Engineer Intern*

*August 2019 - March 2020*

- Developed a Cisco Webex Teams chatbot for automated question answering and fast provision of assistance to customers and internal vendors using Node.js
- Built hosting and storage infrastructure for dockerized application on Google Cloud
- Integrated Rasa natural language understanding framework into chatbot for message intent and entities extraction

**Skelter Labs**

Seoul, South Korea

*Software Engineer Intern*

*January 2019 - February 2019*

- Developed gender and age predictor for user context recognition using a dataset of over 65k images
- 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

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**Visualizations of sorting algorithms**

[github.com/zhanto97/sorting-algos](https://github.com/zhanto97/sorting-algos)

- Developed a website which shows visualizations of how various sorting algorithms work
- Learned how to control animation flow through JavaScript async/await functionality

**MangoSub**

[github.com/mangosub/mangosub.github.io](https://github.com/mangosub/mangosub.github.io)

- Worked in a collaborative project to develop a crowdsourced subtitle creation platform in a team of 4
- Learned and applied the basics of agile software development methodology
- Got over 10 videos subtitled in the first week of launch

**Sudoku**

[github.com/zhanto97/sudoku-puzzle](https://github.com/zhanto97/sudoku-puzzle)

- Developed a Sudoku game application using Pygame python package
- Implemented a backtracking solver visualizer to show how traditional solving method works

## TECHNICAL STRENGTHS

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**Programming Languages**

Python, Javascript, Java

**Frameworks & Tools**

Node.js, React, Docker, Django, HTML, CSS, Tensorflow

**Interests**

Back-end development, Machine Learning, System Programming