

# Kim, Minkyung Chloe

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## Education

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**Hong Kong University of Science and Technology**

Sep 2016 – Feb 2020

*Bachelor of Engineering* in Computer Science

## Experiences

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**J.P. Morgan Chase & Co.**, Hong Kong

Jun 2019 – Aug 2019

*Summer Analyst*

- Developed a Personalized Recommendation System based on collaborative filtering with user clustering algorithm to improve client's user experience on international private bank website using Python, Java, Angular.
- Flask API of this Inference Service was deployed on Gaia (JPMC's cloud service) which enabled firm-wide application.

**Imago.AI**, Hong Kong

May 2018 – Aug 2018

*Artificial Intelligence Researcher*

- Implemented a Neural Question & Answering model based on Bi-directional Attention Flow architecture with additional Self-attention mechanism to improve localization precision for pointer network, on SQuAD and MS MARCO dataset. Demo is available at [imago.ai/#experience](https://imago.ai/#experience).
- Implemented a Chinese Named Entity Recognition model using Bi-directional LSTM with CRF on Hong Kong address dataset.

**Aromeo**, Hong Kong

Sep 2017 – Mar 2018

*Part Time Web Developer*

- Developed Full-stack interactive web application with Node.js and React.js as an admin management console.
- Designed and modelled the initial PostgreSQL database structure for server-side development.

## Projects

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**News Data Processing for Fake News Detection**, Final Year Project

May 2018 – May 2019

- Proposed a comprehensive and diverse neural network-based model for fake news detecting system consisting of text, multi-modal(text-and-image), and query modules.
- Implemented an alternative claim & evidence based approach of fact checking for fake news detection using BiDAF model for localization within evidence context and Allen NLP Decomposable Attention model pipeline.
- Implemented Flask web application to integrate the system with trained models into an exportable API.

**BundlePort**, Startup Project

Jan 2018 – May 2019

*CEO / CTO*

- Developed Full-stack web application focusing on enhancing UI/UX using Node.js and MySQL, and deployed on cloud server using AWS EC2, S3, Elastic Beanstalk, and CloudFront, [bundleport.com](https://bundleport.com).
- Took full responsibility as a CEO to lead and manage the core logistic process, financial records, retail sales and rent team activities.

**Big Data Analysis Society**

Sep 2017 – May 2018

*President*

- Organized and instructed in group events to promote learning of basic Python, Tensorflow and Data Visualization.
- Participated in Aviation Data Analysis Competition held by Korea Airport Corporation.

## Skills

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**Technical Skills** Python, PyTorch, Tensorflow, Scikit-learn, Node.js, React, SQL, C++, Java

**Language Skills** English (Fluent), Korean (Native), Mandarin (Intermediate)

## Honors and Awards

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- JPMorgan Chase & Co. Internal Innovation Week Hackathon 2019 Winner (JPMC Trends), 2019
- Targeted Scholarship under HKSAR Government Scholar Fund, Full Scholarship, 2016 - 2019
- Admission Scholarship from HKUST, Full Scholarship, 2016 - 2019
- SmarTone Hackathon 2018 "Smart Properties", Interactive Property Chatbot - Top 3 Project, 2018
- Mensa International Membership from Mensa International, High IQ society, 2015