

Hyeonjung Ko

CONTACT INFORMATION	Unit 204W 84 Gainsborough Street Boston, MA 02115 USA	Phone: (617) 512-3580 E-mail: hjko1203@gmail.com Github: github.com/hyeonjungko Website: hyeonjungko.github.io
EDUCATION	Northeastern University , Boston, MA, USA <i>Candidate for Bachelor of Science in Computer Science</i> <i>Global Student Mentor</i>	2016 - Present
SKILLS	Programming Languages Java, Python, C/C++, Scala, Javascript, HTML/CSS, MAT- LAB	Data Management MySQL, MongoDB, Neo4j, Redis, SQLAlchemy, SQLite Technical Tools Docker, Git, Kubernetes
WORK EXPERIENCE	TripAdvisor , Needham, MA, USA <i>Operations Intern</i> <ul style="list-style-type: none">• Led development of an internal dashboard displaying real-time statistics for enterprise networks in 37 TripAdvisor office locations; Collaborated with senior system engineers to move it into production• Designed and implemented guest user management for company Slack workspace in sync with Active Directory• Spearheaded a backup validation program utilized by the entire enterprise, eliminating all manual track-down• Improved the existing onboarding & termination processes with additional automated features	January 2019 - June 2019
PROJECTS	Thought Exchange <ul style="list-style-type: none">• An Android application serving as a marketplace for ideas• Developed using Java, backend built with Flask and database served by SQLAlchemy Foreign Exchange Rate Converter <ul style="list-style-type: none">• An web application to retrieve real-time exchange rates from United States Dollars (USD) to 168 different global currencies• Written using Python, SQLite, HTML/CSS, and Javascript; deployed with Docker• Updates hourly for all currency rates• Designed out of personal need to quickly check foreign exchange rates between USD and Korean Won (KRW) Redis-Twitter <ul style="list-style-type: none">• Devised a Twitter clone using Redis in Python• Implemented a search API for posting tweets and fetching home timelines• Generated and handled millions of Tweets from a million unique users	August 2019 June 2019 September 2018
RELEVANT COURSEWORK	Algorithms & Data Machine Learning/Data Mining Linear Algebra	Software Development Mobile Application Development Large-Scale Storage/Retrieval Networks & Distributed Systems
INTERESTS	Algorithms Machine Learning Software Design	Foreign Exchange Market Squash Swimming Architecture Economics Photography