

Jaeduk Choi

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EDUCATION

New York University

Bachelor of Art: Double major in Computer Science and Economics

Jan. 2018
New York, NY

- GPA: 3.7
- Cum Laude
- Dean's List (2014-2015, 2015-2016, 2016-2017 Academic years)
- Computer Science courses in Operating Systems, Large Scale Web Applications, Natural Language Processing, Computer Systems Organization, Basic Algorithms, Data Structures, iOS Programming, Discrete Math, and Web Design
- Economics courses in Financial Accounting, Statistics for Business Control Regression and Forecasting Models, Intro to Econometrics, Money and Banking, Industrial Organization (using R), Public Economics, and Urban Economics

WORK EXPERIENCE

CONSTRUCTION, Inc

Full Stack Software Engineer

May 2018 – Present
New York, NY

- Researched and designed the solution stack to build a web application
- Developing MEAN-stack web application from inception to productionization using Google Cloud
- Maintaining company's static website using Google Firebase

New York University Information Technology

Assistant Project Coordinator

July 2016 – Aug. 2016
New York, NY

- Monitored project progress, and communicated with team members to ensure optimal strategy and maximum efficiency for Active Directory Upgrade, Updating Current Course Evaluation System, OBIEE Upgrade Project, SYDC Network Expansion Project
- Organized project tasks to help project managers monitor projects and react to upcoming activities

Samsung Securities

Summer Intern

June 2015 – July 2015
New York, NY

- Conducted quantitative analysis regarding exchange rate expectations
- Compiled monthly reports regarding US economy and stock market, distributed to individual and institutional clients

Republic of Korea Army 5th Infantry Division

Sergeant Squad Leader

Sep. 2012 – June 2014
Yeon-Cheon, Korea

- Led a squad of 12 soldiers while serving as the battalion commander's secretary
- Participated in major US-ROK joint military exercises as armored vehicle driver

Samsung Asset Management

Summer Intern at Fixed Income / Quantitative Trading Team

Aug. 2012 – Sep. 2012
Seoul, Korea

- Produced daily market reports on bond indices and global events, distributed to individual and institutional clients
- Produced market reports regarding Korean Index Fund

PROJECTS AND PUBLICATIONS

Sequence Labeling Using Machine Learning (Maximum Entropy)

Oct. 2017

- Created a Noun Group tagger using individually created features and maximum entropy training and classification programs

Report on History of US No-Par Stock and Its Implication on Korean Market

June 2015

- Wrote a comprehensive report on the US No-Par Stock for Samsung Securities, the Korean Financial Investment Company

SKILLS

Languages: Java, Python, C, Objective-C, Swift, HTML, CSS, JavaScript, and SQL

Tools: Angular, Node.js, MongoDB, Express, App Engine, Firebase, Django, Git / GitHub, Bootstrap, JQuery, and NLTK

Things I Enjoy: Magic tricks, Skiing, and Bowling

VOLUNTEER WORK AND INVOLVEMENT

Magician, Shesmedi Pediatric Hospital

July 2014 – Aug. 2014

- Performed magic tricks for pediatric patients and their parents in order to provide a positive environment

English Tutor, Republic of Korea Army 5th Infantry Division

Sep. 2012 – June 2014

- Taught free weekly English classes to low-income students who live near ROKA 5th Infantry Division