

# Jinhyuk Kim

742 N. Amherst Ave, #726, Claremont, CA 91711 || (408) 220-3351  
jinkim0804@gmail.com || [linkedin.com/in/jinkim22](https://www.linkedin.com/in/jinkim22) || [github.com/jinkim22](https://github.com/jinkim22)

## EDUCATION

Claremont McKenna College – Claremont, CA

May 2022

- GPA: 3.66 / 4.0
- *Bachelor of Arts in Economic, Computer Science*
- Coursework: Introduction to Computer Science (Harvey Mudd), Principles of Computer Science (Harvey Mudd), Data Structures / Program Development (Harvey Mudd), Linear Algebra, Discrete Mathematics, Data Mining, Econometrics

## SKILLS

**Technical Skills/Programming:** Python, Java, C++, Swift, Latex, Racket, GIT, UI/UX Design, Node.js, React, Solidworks, Stata, PyTorch, Data Structures, Machine Learning, Modeling, Physics, TensorFlow, Pandas, Jupyter Notebook, MongoDB, PyCharm

**Language:** Korean, English

## EXPERIENCE

Acertas Analytics – Claremont, California

Jan 2021 – Apr 2021

*Data Engineer*

- Visualize data and prediction performance via confusion matrices, graphs, and plots using Pandas, Seaborn, and Matplotlib
- Train time series forecasting LightGBM regression models with parameter hypertuning and cross validation
- Integrate models to the live framework being used by major government agencies such as U.S Department of Defense

Wonderful Platform – Seoul, Korea

Jun 2020 – Aug 2020

*iOS Developer*

- Designed platform to allow parents to upload videos of infants for behavioral analysis by certified consultants
- Coded messaging for app to ask questions directly to consultants, with already answered questions automatically responded to by an AI chatbot with natural language processing and machine learning
- Made AWS and REST API calls for authentication and fetching relevant data for application

## TECHNICAL PROJECTS

CollegeBook - <https://github.com/avikhemani/CollegeBook>

2019-2020

*Swift, Node.js*

- Developed iOS app for trading textbooks
- Implemented Cloud Firestore, static storage, real time chat, authentication, notifications, and cloud functions
- Incorporated ISBN scanner, Algolia for search, and mark as sold button
- Made backend using Node.js, loaded Firebase Functions and Cloud Messaging for notifications

PageRank for Lawfare Blog - <https://github.com/jinkim22/PageRank>

2020

*Python, PyTorch*

- Created search engine for lawfare blog with PageRank algorithm
- Refined search results with filter ratio and personalization vector to return more pertinent webpages

Selenium ChromeDriver for Automated Quartzy Order

2019

*Python*

- Linked Excel sheet with an automated Python script to use Selenium ChromeDriver to automatically place orders
- Applied Python libraries xlrd, xlwt to read and write data on excel

Pierrot Urit Merchandise Store - <https://pierroturit.netlify.app/>

2020

*React, Netlify*

- Deployed a shopping website with React for displaying merchandise of Pierrot Urit
- Attached Paypal APIs for transactions

Snake AI - <https://github.com/jinkim22/SnakeAI>

2019

*Java*

- Created a functional connect snake game as part of a final project for CS60.
- Features include AI snake bot to play the game at a much higher speed and accuracy.

## OTHER ACTIVITIES

**Leadership:** Men's Golf Team at Claremont McKenna College, Mood Swing Acapella

**Interests:** Golf, Basketball, Piano, Algo trading