

# Kevin Jun

kjun@uchicago.edu || 847-660-4688 || kevkjun.github.io

## EDUCATION

### University of Chicago

Class of 2021

M.S. – Computer Science

**Relevant Coursework:** Algorithms & Data Structures, Bioinformatics, Cloud Computing, Computer Architecture and Systems, Distributed Systems, High Performance Computing, Parallel Programming\*, Applied Financial Technology\*, Databases\*, Compilers\*  
\*to be taken in subsequent quarters

### Northwestern University

Class of 2015

B.A. – Economics and Political Science

**Relevant Coursework:** Calculus, Econometrics, Statistics

## SKILLS & INTERESTS

**Languages:** Java, C/C++, Python, SQL, HTML/CSS

**Tools & Frameworks:** AWS, Docker, REST, Flask, Git, Bash, PostgreSQL, JIRA, Unix

**Multiprocessing:** OpenMP, CUDA, MPI

**Data Analysis Toolkits:** Python (Matplotlib, Numpy, Pandas, Scikit-Learn, NLTK), Tableau, R

**Interests:** High Performance Computing, Distributed Systems, UI/UX, Film, Cooking, Travel, Sustainability, My dog

## PROJECTS

### Cage Search (2020 – in progress)

Python, Flask, AWS, Heroku

- Search application that takes user inputs and returns movie recommendations starring Nicolas Cage
- Generates list of movie recommendations with “likeliness-to-enjoy score” using content-based and collaborative filtering

### Cache Emulator (2020)

Java, C++

- Computer emulation of Von Neumann architecture containing CPU, RAM, and L1 cache – capable of high-performance computing testing algorithms such as daxpy, matrix multiplication, and block matrix multiplication
- Includes options for different read and write miss policies, replacement policies, and RAM/cache/block sizes to test and optimize algorithmic performance
- Matrix multiplication of two 512x512 matrices using emulated L1 cache of full associativity runs in 7 minutes

### Asteroids Variant (2019)

Java, Swing, IntelliJ

- Multithreaded computer game akin to popular arcade game Asteroids with altered maneuvering and shooting mechanics
- Utilizes stacks, queues, and double buffering to achieve stutter-free frame refreshes

## EXPERIENCE

### Conversant

Chicago, IL

Senior Analyst – Analytics

October 2017 – October 2019

- Managed portfolio of five clients, guiding account strategy via custom analyses and growing revenue 2x from \$15MM to \$30MM over duration of management
- Developed PostgreSQL function to automate reporting for largest retail client providing aggregated data for Tableau-based BI platform, decreasing manual reporting time by 100%
- Built and deployed statistical significance testing framework for incremental campaign performance across 40% of clients and 90% of Tier 1 (>\$5MM in revenue) clients, leading to increased awareness of client health and identification of performance contaminants

### The Allstate Corporation

Northbrook, IL

Management Consultant

May 2017 – Oct 2017

- Developed Go-To-Market strategy to increase Allstate multicultural market share, leading consumer insights research and creation of organizational structure for multicultural task force; left Allstate before strategy was deployed

### Capgemini

Chicago, IL

Technology Consultant

March 2016 – August 2017

- Wrote bash script to automate weekly reporting dashboards utilized by implementation and development teams, reducing manual reporting workload by nearly 100%