# Kevin Jun

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## 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
**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%