

Kevin Jun

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EDUCATION

University of Chicago

Class of 2021

M.S. – Computer Science

Relevant Coursework: Algorithms, Bioinformatics, Cloud Computing, Computer Architecture and Systems, Distributed Systems, High Performance Computing, Parallel Programming*, Applied Financial Technology*, Functional Programming*, 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, Bash, Docker, Flask, Git, Jira, PostgreSQL, REST, Subversion, Unix

Multiprocessing: CUDA, MPI, OpenMP

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

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

PROJECTS

Cage Search (2020 – in progress)

Python, Flask, AWS

- 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

Wolverine Trading

Chicago, IL

Software Engineer Intern

June 2020 – September 2020

- Involved with development of the order routing and management system, a collection of systems used to allow in-house traders as well as external customers to execute options, futures, and securities trades based on real-time market data

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