

Kevin Jun

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EDUCATION

University of Chicago

Class of 2021

M.S. – Computer Science

Relevant Coursework: Algorithms and Data Structures, Computer Systems, Computer Architecture, High Performance Computing, Bioinformatics, Distributed Systems, Parallel Programming*, Operating Systems*, Advanced Databases*

*to be taken in subsequent quarters

Northwestern University

Class of 2015

B.A. – Economics and Political Science

Relevant Coursework: Calculus, Statistics, Econometrics, Decision and Risk Analysis

SKILLS & INTERESTS

Languages: Java, C/C++, Python (Scikit-learn, Pandas, Numpy, NLTK), R, HTML/CSS

Tools & Frameworks: Git, Tableau, PostgreSQL, JIRA, UNIX/Linux

Interests: HPC, UI/UX, Film, Cooking, Travel, Sustainability, My dog

PROJECTS

Cage Search (2020 – in progress)

Python (NLTK, Pandas, Scikit-learn), Flask

- Search application that returns recommendations for Nicolas Cage movies based on user inputs
- Web interface built using Python Flask; recommendation engine built using NLP (NLTK) and hosted using AWS Lambda

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 – Harley Davidson

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%