

Kevin Jun

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EDUCATION

University of Chicago

Class of 2021

M.S. – Computer Science

Relevant Coursework: Algorithms and Data Structures, Programming Languages (Java, Python, C++), Computer Systems, Computer Architecture, High Performance Computing*, Parallel Programming*, Bioinformatics*, Distributed Systems*

*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

Programming Languages: Java, C++, SQL, Python, R, HTML/CSS

Tools & Frameworks: Git, PostgreSQL, JIRA, UNIX

Interests: HPC, UI/UX, Film, Cooking, Travel, Sustainability, My Dog - Leah

PROJECTS

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

Nand2Tetris (2019)

Java, HDL, Jack

- Designed and constructed full-scale computer system complete with assembler, virtual machine, and compiler for simple object-oriented language
- Exercised considerable knowledge in memory management, memory hierarchy, object-oriented design, and control flow

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%