Jun Ho Park

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EDUCATION

University of Michigan
B.S.E Computer Science
Applied Math & Stats Minor
GPA: 3.6/4.0
Ann Arbor, MI

PORTFOLIO

junhopark.dev
linkedin.com/in/pjunho
github.com/didjunho

COURSEWORK

- Data Structures & Algorithms
- Advanced Algorithms
- Computer Architecture
- Parallel Computation
- Operating Systems
- Compilers
- Distributed Systems
- Artificial Intelligence
- Machine Learning
- Computer Vision
- Algorithmic Game Theory
- Probability and Distributions
- Portfolio Theory
- Financial Modelling

SKILLS

Languages: C/C++, Python
Workflow: Jira, Confluence, Fisheye, CMake, Meson
Design: Adobe Suite

LEADERSHIP

Kappa Theta Pi –
Director of Finance
July 2019 – December 2020

Virtual Reality Development Organization -
Founder
September 2018 – May 2019

Arbor Esports –
Vice President
January 2019 – July 2019

WORK EXPERIENCE

Citadel | Software Engineer
August 2021 – Current | Chicago, IL

Google | Software Engineer Intern
September 2020 – December 2020 | Los Angeles, CA

- Built ptrace-based tool to mock out virtual sensors on the OpenBMC sensor stack so users can easily test erroneous inputs from sensors
- Modified linux drivers for hwmon sensors for easy error injection

Wolverine Trading | Software Engineer Intern
May 2020 – August 2020 | Chicago, IL

- Rebuilt MulticastWolveserver to manage client connections and service large quantities of asynchronous client requests dealing with low latency UDP/multicast communications
- Updated existing client implementations to switch to the newly built MulticastWolveserver to manage their UDP/multicast connections
- Built a highly templated feed handler to receive and decode messages from the ITTO protocol from NASDAQ while staying latency conscious
- Implemented various hash tables to decrease lookup times for use-cases with monotonically increasing integer key values

Barclays Investment Bank | Summer Analyst
June 2019 – August 2019 | Greater New York Area

- Created tools to measure round trip network latencies from NYSE to Barclays to nanosecond precision allowing programs to automatically switch to the optimal network path at any given time
- Implemented new data models to efficiently process and move client metrics to the appropriate databases

AT&T | Technical Consultant Intern
July 2018 – January 2019 | Atlanta, GA

- Researched use-cases of AT&Ts 5G Network with a focus on edge computation and volumetric video
- Created and presented real-time holography demos at various trade shows (SHAPE, E3, RTX Austin)

Cisco | Research Intern, Intern Coordinator, Technical Sales Intern
June 2016 – July 2018 | Greater Atlanta Area, Greater San Francisco Area

- Planned the itinerary for the Cisco STEAM Externship, managing a budget of $36,000 across 3 sites (Atlanta GA, RTP NC, Chicago IL)

PERSONAL PROJECTS

sents.dev | Co-Founder, Model Engineering Lead | March 2019 – May 2020

- Sents is a tool that attempts to predict changes in securities in the market using realtime online messages scraped from all over the internet