

Zhaoning (Jonny) Kong

Los Angeles, CA 90024 • (310) 498-9627 • jonnykong@cs.ucla.edu

Objective: Seeking summer 2019 software engineering internship with emphasis on back-end or systems software

Summary of Qualifications

- Skilled in system programming with C/C++, gcc/gdb, x86 Assembly, valgrind, etc.
- Intensive background knowledge in OS, networking and architecture
- Proficient in: Unix/Linux, macOS, Git, vim, bash, SQL, etc.
- Experience in Java, Python, Machine Learning, Functional Programming

Education

University of California, Los Angeles (UCLA), U.S. Sep 2018 - Present
M.S. in Computer Science

Beihang University (BUAA), Beijing, China Sep 2014 – Jun 2018
B.S. in Automation and Electrical Engineering

- GPA: 91.51/100, 3.90/4.00 Ranking: 2/173
- Outstanding Graduate of Beihang University

University of Toronto, Ontario, Canada Sep 2017 – Dec 2017
Exchange Student in Electrical and Computer Engineering

- GPA: 3.94/4.00

Experience

NetEase Inc., Beijing, China Mar 2018 – July 2018
Software Developer Intern

- Worked on back-end with NetEase News Search team
- Participated in constructing a news search service (~80M news entities) with C/C++
- Replaced HTTP with Apache Kafka to de-synchronized communication between news source and search service
- Cooperated with NLP team over Apache Thrift and Tornado to improve search results
- Expedited search service restart time by restoring reverse index from data files
- Built a HTTP service for front-end teams to retrieve news keywords using Tornado and MySQL

Relevant Coursework

| | | |
|------------------------|-----------------------------|--------------------------------|
| Operating Systems | Computer Networking | Algorithms & Data Structures |
| Cryptography | Web Applications | Advanced Computer Architecture |
| Computer Systems(MOOC) | Programming Languages(MOOC) | Databases |

Honors & Awards

| | |
|---|----------|
| National Scholarship of China (1% in Beihang University, 0.1% Nationwide) | Oct 2017 |
| Scholarship for Academic Excellence, Beihang University | Oct 2017 |