Baodi Shan

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Biography He will graduate from Data Science Elite Class, School of Computer Science and Technology, Shandong University, and receive his B.Eng. in Jun. 2021 with a 3.66 GPA.He is currently doing research internship in High Performance Data Analytics and Computing (HiPDAC) Lab at Washington State University, supervised by Prof. Dingwen Tao. His research primary focuses on HPC and Data Science.

🎓 Education

Sept. 2017 –Jun. 2021(Expected)	**B.Eng.**, Computer Science and Technology, *Shandong University*, Qingdao

📖 Publications

Baodi Shan, Aabid Shamji, Jiannan Tian, Guanpeng Li, Dingwen Tao. LCFI : A Fault Injector for Studying Lossy Compression Error Propagation in HPC Programs International Workshop on Big Data Reduction(Held by IEEE Big Data 2020)

</> Experiences

Present Feb. 2021	**Wechat Group(WXG), Tencent Co., iOS Developer Internship** > Participate in the development of WeChat and OpenSDK.
Dec. 2020 June. 2020	**HiPDAC, Washington State University, Research Internship** > Lead the work of LCFI(LCFI is a **L**ossy **C**ompression **F**ault **I**njection tool based on LLVM.), implement the model and conducted all the experiments independently. A research paper has been accepted by IWBDR,a workshop held by Big Data'20.
Present Sept. 2020	**Numerical Computing Course, Shandong University, Teaching Assistant** > Assisted students in research experiments with Python. > Graded students' assignments and experiment reports.
May. 2020 May. 2019	**Institute of Intelligent Computing, Shanodong University, Research Assistant** > Do research related to blockchain technology, i.e. Bitcoin and Ethereum > Use fuzzing technology to dissect ponzi smart contract with Python and Go-Ethereum on Linux
June. 2020 Feb. 2020	**Big Data Management and Analysis Course, Shandong University, Teaching Assistant** > Assisted students in research experiments with Hadoop & MapReduce. > Graded students' assignments and experiment reports.
Jan. 2020 Sept. 2019	**Data Structure and Algorithm Course, Shandong University, Teaching Assistant** > Graded students' assignments and experiment reports. > Led a group of teaching assistants in building an automatic online judge platform for data structure course called DS-Judge, which has then been used by the whole school.
July. 2019 July. 2019	**Shandong University 5th Visual Computing Summer School, Qingdao, Excellent Camper** > Led a research team to study Dobot (a robotic arm) and leap motion (a computer hardware sensor device that supports hand and finger motions as input). > Used leap motion to detect hand and finger motions and made the Dobot act as our hand

☰ Skills

Programming :	Python, C/C++, OpenMP, OpenACC, Linux, MySQL, MapReduce, Data Structures and Algorithms, Data Visualization with Ecarts.js or D3.js
Language :	TOEFL iBT : 94 & 102(best-score), GRE : 149+168+3.5, TOEFL ITP Plus : 600, CET-6 : 552

🔨 Honors and Awards

2020,2018	University Scholarship, Shandong University
2020	Shandong University Outstanding Student Cadre
2019	Scholarship for Academic Excellence, Shandong University
2019	Excellent Participant, Shandong University 5th Visual Computing Summer School
2014	3rd Place, National Olympiad in Informatics in Provinces(Shandong District)