YANFEI YANG

Phone: (+86) 15520065137 **Email**: danielyang1996@163.com

Address: School of Software, Shanghai Jiao Tong University Minhang Campus, No. 800 Dongchuan Road, Minhang District, Shanghai

Education Background

2014/09 - 2018/06	Nanjing University	Software Engineering	**Bachelor**
		- GPA：4.49/5.0	**- Ranking : 3/210**
2018/07 - 2021/03	Shanghai Jiao Tong University	Software Engineering	**Master**

Campus Experience

2015/06 - 2016/06	Organization Department, School of Software, Nanjing University	**Minister**
2015/06 - 2016/06	Volleyball Team of School of Software, Nanjing University	**Captain**

Honors

2015/12	**First Class of National Scholarship**
2016/12	Dusha Scholarship of Nanjing University (One of the highest scholarships)
2017/12	Second Class Scholarship of Nanjing University
2018/06	Outstanding Graduates of Nanjing University
2018/12	Third Prize of the "Huawei Cup" 15th China Graduate Mathematical Modeling
2019/12	Outstanding Graduate Scholarship of Shanghai Jiao Tong University

Major Projects and Internship Experience

2017/07 - 2017/09 **Internship in Taobao Technology Department, Alibaba**

- Open Taobao's internal messaging capabilities (subscription, communication, etc.) to external developers, responsible for routing, authentication, and retrying of messages. Need to consider system concurrency and isolation. **(Java)**

2018/09 - 2019/09 **A CPU-Effective Garbage Collector for Tail-latency Optimization**

- Combining Intel MPK and RTM hardware features on the JVM, a concurrent garbage collector is implemented that maximizes throughput and reduces CPU utilization while reducing the maximum GC pause time. In tests such as SPECJBB, it has higher throughput and lower CPU utilization than G1, and has similar pause times.**(C++)**

2019/09 - Now **A NVM-Aware Garbage Collector**

- Utilize smaller volatile memory (DRAM) to assist garbage collection and improve the garbage collection performance of the JVM when using non-volatile memory(NVM). Implementation is based on G1 GC of hotspot with very large codebase. Currently it has a 20% performance improvement on the Renaissance benchmark.**(C++)**

Other Projects and Internship Experience

2016/06-2016/10	"Citi Cup" Financial Innovation Application Competition (2nd Prize)**(Java)**
2016/12-2017/06	Tencent We-School - the “Leaning In NJU” Service Platform**(Java)**
2017/10-2018/03	Internship in Blackfish Technology, Risk Control Department.**(Python)**
2017/12-2018/04	A Tracing System Based on Blockchain.**(Golang)**

Personal Skill and Character

Familiar with programming languages such as **Java, Python, C/C++, Shell**, etc., have a basic understanding of **basic algorithms and data structures, basic machine learning framework, machine learning algorithms and principles**. Good English skills, can read general English technical materials. Hobby games, movies and photography. **Have strong learning ability**, good communication ability, positive problem-solving attitude, strong curiosity, optimistic and uplifting mental outlook, rigorous work style.