

CONTACT INFORMATION	Tel: +86-13305014345		
	Tel: +65-89420214		
	✉ E-mail:conccyclics@qq.com		
	Github:www.github.com/Conccyclics		
	Kaggle:www.kaggle.com/conccyclics		
	Address: 09-01, West Coast Residential Village, 127371, Singapore		
EDUCATION	Fuzhou NO.3 High School , Fuzhou, China.	2016–2019	
	South China University of Technology (SCUT) , Guangzhou, China.	2019–2023	
	◦ B.Eng., Software Engineering.		
	National University of Singapore , Singapore.	2023–now	
	◦ Master of Computing, Computer Science Specialization.		
TECHNICAL SKILLS	<ul style="list-style-type: none">• <i>English</i>: IELTS(6.5), CET-4, CET-6.• <i>familiar with</i>: C/C++, Fortran, blas, openmp, pthread, cuda.• <i>TestDemo Certificate</i>: C++, TOP 10%, LINUX, TOP 10%, PYTHON, TOP 10%.• <i>Kaggle Certificate</i>: Data Visualization, Intro to Machine Learning, Intro to Deep Learning, Intro to Game AI and Reinforcement Learning.		
	HONORS AND AWARDS	<ul style="list-style-type: none">• Silver Medal (46th) ICPC Asia JiNan Regional Contest	2021
		• Bronze Medal (46th) ICPC Asia-East Continent Final	2022
		• National Scholarship	2022
		• Honorable Mention Mathematical Contest in Modeling	2023
• Outstanding Graduation Thesis of South China University of Technology		2023	
PROJECT EXPERIENCE	<ul style="list-style-type: none">• Risk Management for Extreme Climate Disaster Chain in the Greater Bay Area Mentor: Qian TAO	Mar.-July 2022	
	◦ Predict climate changes, estimated risks with GAT net and visualize the results with plotly.		
	• Symmetric Matrix Solving Algorithm Parallel Optimization for ARM Architecture Mentor: Deyou TANG	May-Dec. 2022	
	◦ Implemente the subroutine of bounded Bunch-Kaufman algorithm and use openmp and NEON intrinsics to optimize parallelism and performance.		
	◦ Modify the cache-hit rate and parallelism during column-swap part to achieve a 70% total performance improvement.		
EXCHANGE EXPERIENCE	<ul style="list-style-type: none">• Research Assistant in Hong Kong University of Science and Technology, Guangzhou Mentor: Zeyi WEN	Apr. 2023–now	
	◦ Research on the Graph Partitioning Algorithm and fillin-reducing ordering algorithm.		
	• Online Academic Program on Machine Learning, McGill University	Jan.-Feb. 2022	
	◦ Learned basic machine learning techniques and data analysis skill.		
	◦ Participated in competitions on Kaggle, e.g., image classification using CNN , English text classification using RNN, etc.		
◦ Composed a proposal about the data analysis of consumption habits.			



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	Kaggle: www.kaggle.com/conccyclics	
地址: 福建省福州市晋安区福峰路 100 号三盛国际公园		
教育经历	福建省福州第三中学, 福建省福州市.	2016–2019
	华南理工大学, 软件工程学士, 广东省广州市.	2019–2023
	新加坡国立大学, 计算机科学硕士, 新加坡.	2023–至今
专业技能	<ul style="list-style-type: none">英语认证水平: CET-4, CET-6, IELTS(6.5).编程语言: C/C++, Python, Fortran.编程技能: blas, openmp, pthread, cuda.工业和信息化部人才交流中心: 工业和信息化人才专业知识测评证书——C 语言编程高阶TestDemo 编程技能认证: C++, TOP 10%, LINUX, TOP 10%, PYTHON, TOP 10%Kaggle 课程认证: 数据可视化, 机器学习, 深度学习, 强化学习	
获奖荣誉	银牌第 46 届国际大学生程序设计竞赛 (ACM-ICPC)	2021
	铜牌第 46 届国际大学生程序设计竞赛亚洲区决赛 (ACM-ICPC EC final)	2022
	国家奖学金	2022
	二等奖美国大学生数学建模竞赛 (MCM/ICM)	2023
	华南理工大学本科优秀毕业设计 (论文)	2023
项目经历	<ul style="list-style-type: none">粤港澳大湾区极端天气气候灾害链的风险管控与应对2022/03-2022/07 单位: 华南理工大学软件学院软件服务工程与云计算团队陶乾实验室 导师: 陶乾<ul style="list-style-type: none">利用图注意力神经网络进行气象预测和灾害预警, 并进行可视化展示。对称矩阵函数求解 <i>BBK</i> 算法的并行优化2022/04-2022/12 单位: 华为鲲鹏计算 导师: 汤德佑<ul style="list-style-type: none">实现 Bounded Bunch-Kaufman (BBK) 算法, 利用 NEON 指令集和 OpenMP 进行优化。对求解的行交换操作进行并行和访存优化, 实现总体接口 70% 的性能提升。科研助理2023/04–至今 单位: 香港科技大学广州校区 导师: 文泽忆<ul style="list-style-type: none">开展图分割算法和填充减少排序算法的研究。	
交换经历	机器学习线上访学项目, 麦吉尔大学	2022/01–2022/02
	<ul style="list-style-type: none">学习机器学习的基本理论和算法。在 Kaggle 上完成了关于利用 CNN 进行图像分类和利用 RNN 进行文本分类的两个练习赛。进行了关于消费习惯的数据分析和建模, 并撰写报告答辩。	