

美国南卡罗来纳大学计算机科学与工程系下的并行计算体系结构与系统实验室硕士博士研究生招聘

美国南卡罗来纳大学计算机科学与工程系下的并行计算体系结构与系统实验室 (PASS@SC, <http://passlab.github.io>) 诚招硕士博士研究生加入我们的研究团队。我们实验室从事并行和高性能计算方面的研发工作, 包括并行编程语言, 编译器, 系统软件, 高性能体系结构以及应用, 以及一些新兴的计算模式, 包括神经元计算, 深度机器学习和应用。研究团队提供积极合作和交流的软硬件环境, 在工业和国家实验室实习机会, 以及资助出席相关的全球专业会议。研究助理提供全额奖学金。具体要求:

1. 具有 4 年全日制的计算机科学或计算机工程本科或硕士学位
2. 有基本的英文读写和口头表达能力
3. 有意愿到美国南卡罗来纳大学计算机科学与工程系下攻读硕士或博士学位并符合该系研究生招生录取要求(招生信息: <https://cse.sc.edu/graduate>)
4. 熟悉或精通 Linux 和 C/C++ 编程, 数据结构, 编译器原理, 计算机架构和操作系统
5. 有如下开发经验的优先考虑: PThreads, CUDA, MPI, OpenMP, Cilkplus, LLVM, and Verilog

如果您有兴趣, 请发电邮附带你的简历和成绩单 (不需要官方) 到如下联系方式。如果意向和条件符合, 我们将会联系你并安排时间面试。

感谢您的关注!

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Research Assistant in Parallel Architecture and System Software research group

The [Parallel Architecture and System Software research group](#) at the University of South Carolina has openings for research assistantship. We are looking for motivated graduate and undergraduate students who are interested in developing innovative solutions of compiler and system software, as well as of computer architectures for parallel and high performance computing, and for emerging computing paradigm including neuromorphic computing, quantum computing, cognitive technologies such as AI architecture and applications. To conduct productive research in those areas, knowledge of C/C++ programming, data structures, compiler, computer architecture and operating system with Linux are required. Knowledge and experience of parallel programming (PThreads, OpenMP, Cilkplus, CUDA, MPI, etc) are not required, but preferred. Preference will be given to full-time Ph.D. students, thesis-option master students, and senior undergraduate students.

Within the group, you will work with a motivated team to solve cutting-edge performance problem in parallel computing and you will have opportunity of exposing yourself through peer-review publications, attendance and presentation in professional conferences worldwide, and internship in industry and government labs.

If you are interested, drop me an email with your resume/CV and transcript (no need official) that shows the core CS/ECE courses you took. We will schedule a time to meet or talk if there is a fit of your qualification.

If you are interested, but are not admitted and considering to study in SC, you should also check the [admission and program requirement for graduate study at SC](#).

Thank you for your attention!

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