Xiaoqi Qiu

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Shenzhen, China

EDUCATION

- **Postgraduate Student,Computer Technology**
  Shenzhen University
  September, 2022 - Present

- **B.E. Computer Science and Technology, CGPA:88.6/100 (ranking 15th / 181)**
  Shenzhen University
  September, 2018 - July, 2022

COURSES & SKILLS

- **Major Course**
  Advanced Image Compression (python,95/100),
  Internet Programming (Java,97/100),
  Web Development and HCI(Html&Javascript,90/100),
  Design and Analysis of Alogrithm (C++,94/100),
  Operating Systems(99/100),Linear Algebra(93/100),
  Computer frontier technology(pyhton,91/100),
  Developmental Cloud Computing (92/100),
  Machine Learning(python).

- **Languages & Platforms**
  Java/Python/c++, Latex, Hadoop and GitHub

AWARDS

- **Open Source Contribution Elite Scholarship**
  OpenEuler & OpenGauss Talent Development Acceleration Program, Huawei. (Total number: 100)
  Mar.,2023

- **Special Freshman Scholarship**
  School of Computer and Software, Shenzhen University.
  Sep.,2022

- **School Outstanding Undergraduates**
  Shenzhen University.(Total: 5%)
  Jun.,2022

- **Star of Self Improvement**
  Shenzhen University.(Total Number: 14)
  Mar.2021

RESEARCH EXPERIENCE

- **Set Similarity Joins with MapReduce (Java)**
  · Generated a new tree for parallel distributed set similarity joins, called Prefix Search Tree which is a variant of the Frequent Pattern tree structure.
  · Developed a new parallel algorithm and constructed experiments based on MapReduce.
  Patent: (pending) Feng Yuhong, **Qiu Xiaoqi**, Feng Haiyue, et.al., Large-Scale Set Similarity Joins Method, China Patent No.23A0220CN, 2023
  - *Dec., 2022 - Present*

- **A Edge Data Distribution Strategy (Python)**
  [github.com/Siki-cloud/TPDS-INSPEC-19866720]
  · Researched relative cost-effective edge data distribution(EDD) strategies in edge computing.
  · Reproduced a $O(k)$-approximation algorithm called EDDA. Generated a initial minimum cost spanning tree firstly and then adjust it under the delay constraint.
  · Attained a grade A in the Graduate Thesis Reproduction Project organized by Shenzhen University.
  - *Nov., 2022 - Dec., 2022*

- **A-Ops Probe Development (C&Java)**
  [gitee.com/openeuler/gala-gopher]
  · Developed and maintained a native probe called *meminfo* by collecting memory data and submitting them to Promethous and Kafka. (C)
  · Assisted in developing and testing of jvm and other probes as well as update reletive documents.(Java)
  · Merged 6 Pull Requests into gala-gopher.
  - *Jul., 2022 - Oct., 2022*

- **Microblog Forwarding Behavior Prediction Fusing Hotspot (Python)**
  · Adjust the feature weights in the target record embedding according to the relevance with hotspots learned by the self-attention layers.
  · Contacted posted user features to predict whether followers will forward it by Bi-LSTM model.
  · Obtained a grade A for the graduation thesis.
  - *Dec.,2021 - Apr.,2022*