张卓

mycinbrin@gmail.com

清华大学紫荆公寓 2#609A

18600162706

教育背景

清华大学计算机系   北京

计算机科学与技术专业   *08/2011 - 07/2015*

经济学第二学位   *09/2012 - 06/2015*

- **Major GPA: 88.0/100**;
- 获奖情况:
    - 张明华综合奖学金 (20%)
    - 新生奖学金 (20%)

香港大学计算机系   香港

校派交换学习   *08/2013 - 12/2013*

工作经验

Hulu   北京

推荐与个性化组   *02/2014 - 至今*

- 在 Hadoop 平台上编写一些推荐算法,例如协同过滤
- 负责推荐模块管理系统的维护与新功能添加
- 设计实现基于剧集元信息的推荐模型

Face++   北京

核心技术组   *12/2013 - 01/2014*

- 实现相同图片过滤算法,利用图片分块后计算的色矩特征比较
- 将图片过滤系统实现为 Web 服务,利用 Redis 队列协同前后台

项目经历

Minicompiler   *10/2013*

- 利用 flex 和 bison 构建一个编译器
- 源语言类似于 C,目标汇编语言类似于 MIPS 架构

AntiMalware   *10/2013*

- 获取 Android 恶意软件数据集,并提取静态特征 500 多个
- 利用 libweka 对数据分析,并评估不同的分类算法
- 开发一个简单的命令行工具,可判断新的 App 是否为恶意软件

技能

熟练	C, C++, Python, Bash, SQL, Linux 常用工具
熟悉	Haskell, Java, Javascript, Hadoop, Django, Unix Programming, Git
用过	Rails, Node.js, MPI

Zhuo Zhang

609A, Zijing Apartment 2#, Tsinghua University, Beijing

mycinbrin@gmail.com

(+86)18600162706

Education

Tsinghua University Beijing, China
- *BEng in Computer Science* *Aug 2011 – Jun 2015*
  Bachelor of Economics, Second Major *Sept 2012 – Jun 2015*
  - **Major GPA: 88.0/100**
  - **Honors:**
    * Zhang Minghua Integrated Scholarship (20%)
    * Scholarship for New Applicants (20%)

- **The University of Hong Kong** Hong Kong
  Exchange Student in Computer Science Department *Aug 2013 – Dec 2013*

Experience

- **Hulu** Beijing, China
  Software Development Engineer Intern *Feb 2014 – Now*
  - Builded a web application based on Django for researchers to evaluate algorithms
  - Builded regular jobs to analyze data from log files on the Hadoop platform
  - Designed and implemented several online API services using Java

- **Face++** Beijing, China
  Algorithm Developer Intern *Dec 2013 – Jan 2014*
  - Implemented a picture filtering algorithm, using moment values of blocked pictures to detect similar ones
  - Building a web service to support filtering picture streams, using Redis queue for load balancing and python to interoperate with native C++ lib.

Skills

Experienced: C, C++, Python, Bash, SQL; Linux utilities

Familiar: Javascript, Haskell, Java; Hadoop, Django, Git

Intermediate: Scala; Unix Programming

Projects

- *Minicompiler* *Dec 2013*
  A toy-compiler to compile a C-like imperative language to a MIPS-like assembly written with bison and flex. It has support for array and recursive function.

- *AntiMalware* *Nov 2013*
  A platform for detecting Android malware with several machine learning algorithms. Thousands of static features are extracted from labeled Android apps, then the trained model is used to classify unlabeled apps as malware or normal apps.

- *Gyro* *Apr 2013*
  A mobile multi-player RPG game. I implemented the backend for communication between user with Node.js framework and long-polling.