

鲁倚光

软件开发工程师

教育程度

2009.09 – 2013.07 同济大学软件学院，软件工程
工学学士

工作经历

2013.08 – 现今 携程计算机技术（上海）有限公司，系统工程师

项目名称：Orca，基于OpenStack，实现携程内部私有IaaS平台

- 研究OpenStack的计算组件（Nova），负责Nova VMWare driver的功能开发。
- 负责生产环境私有云平台的技术支持。
- 参与携程测试环境的日常维护和技术支持，涵盖VMware、KVM两大虚拟平台。
- 参与携程测试环境私有OpenStack从Grizzly到Icehouse的跨版本大升级。
- 使用SaltStack，进行OpenStack（生产环境和开发环境）和部分基础服务的搭建、维护、升级，参与配置管理的开发。

项目名称：Midway，实现OpenStack与携程内部流程系统的对接

- 使用Python，负责虚拟机部署及宿主机部署和上线模块的开发和技术支持。
- 负责日志可视化，进行错误模块、错误原因和调用API耗时的实时统计显示。

实习经历

2012.04 – 2013.06 宝马（中国）上海互联驾驶研究院

项目名称：KaFas，行车辅助系统

- 使用C、C++和Python，负责行车辅助系统的开发、维护及测试。
- 参与分析、设计行车辅助系统执行策略，以及实现策略和验证策略有效性，给出相应评估。
- 在行车辅助系统路测的过程中收集、整理并分析测试数据，生成数据对照表。

参与设计实现基本测试框架原型，通过上传不同的配置脚本来进行不同内容的测试。

- 负责软件架构的设计和基本源码的实现。
- 使用Python编写，使用Web.py做后端。

参与多个实验性Android项目开发。负责其中整个模块的具体实现。

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电子邮件 yiguang.lu@outlook.com

GitHub <http://github.com/lukmy>

掌握技巧

- » 超过三年Linux使用和管理经验，熟悉多个Linux发行版，比较熟悉Shell Script，熟练使用Git。
- » 精通Python，熟悉OpenStack基本组件，熟悉Celery。
- » 熟练使用SaltStack、Fabric和Ansible进行配置管理。
- » 熟练使用Vim和Sublime Text，熟悉Vim Script。
- » 比较熟悉Java和Android。
- » 有良好的算法基础，具有解决算法问题的能力。
- » 熟悉Markdown、Textile和Re-StructuredText等标记语言，Sphinx等文档生成工具。
- » 熟悉C和C++，有较多Boost和STL使用经验。
- » 熟练使用L^AT_EX。

社会经历

- » 参加携程第一届黑客马拉松，获得群众选择奖。
- » 大三下期，在同济大学软件学院课程《Linux程序设计》中，担任助教。
- » 在同济大学Google Camp担任主要负责人，参与组织企业合作。
- » 高二上期，参加全国青少年信息学奥林匹克信息大赛，获湖南赛区一等奖及大学保送资格。

Yiguang Lu

Software Development Engineer

EDUCATION

2009.9–2013.7 **Tongji University, Shanghai, China.**
Bachelor of Engineering in Software Engineering

WORK EXPERIENCE

2013.8–present **Ctrip Shanghai, System Engineer**

Orca: Ctrip Private Cloud Platform(Based on OpenStack)

- Focus on **OpenStack** Computing(Nova), in position of developing Nova VMware driver.
- Provide technical support for Ctrip Private Cloud in production.
- Take daily maintenance for Private Cloud in Ctrip QA Farm, including VMware and KVM virtual machine.
- Upgrade OpenStack from Grizzly to Icehouse.
- Use **SaltStack** to install/upgrade infrastructures, develop salt state trees.

Midway: Orca API for Ctrip Remedy

- Main contributor for VM provisioning(including VMware and KVM) and hypervisor privisoning(including ESXi and KVM) module. Using **Python**.
- Configure ELK(Elasticsearch, Logstash, Kibana) for midway, make clearly show for error type and API time spent.

INTERNSHIP

2012.4–2013.6 **Connected Drive Lab, BMW China.**

KaFas: Driving Assistance System

- Responsible for developing and testing for Driving Assistance System using **C**, **C++** and **Python**.
- Collected, sorted out and analyzed data of test-drive for Driving Assistance System.

TestFrameworkProto: prototype for test framework, it will run different kind of tests based on different formulas.

- Designed the basic architecture of the program and implemented the most code.
- Used **Python** as programming language, **Web.py** as framework.

Contributed to several experimental **Android projects.**

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SKILLS

- » Over 3 years experience of using and managing **Linux**, knowledged in **Shell Script**, Expertise in **Git**.
- » Expertise in **Python**, knowledged in **Open-Stack** Components, knowledged in Celery
- » Experienced in using configuration management tool such as **SaltStack**, **Fabric** and **Ansible**.
- » Experienced in using **Vim** and **Vim Script**, knowledged in **Sublime Text**.
- » Experienced in **Java** and **Android**.
- » Extensive knowledge of Algorithms. Strong abilities of solving algorithms problems.
- » Knowledge of markup languages like **Mark-Down**, **Textile** and **ReStructuredText**, document tool like **Sphinx**.
- » Knowledge of **C** and **C++**, experienced in **STL** and **Boost**.
- » Knowledged in **LaTeX**.

SOCIAL

- » Won People Choice's Award in the 1st Ctrip Hackathon.
- » Been a TA for course Linux Programming in thrid grade in university.
- » Been a major person in charge of Google Camp in Tongji University, took part in Enterprise Communication.
- » In 2007, Won 1st Prize in Nation Olympiad in Informatics in Provinces, Hunan, by China Computer Federation.

To whom it may concern:

My name is Amen Hamdan, and I am currently working as Senior Manager for software development at the BMW ConnectedDrive Lab China in Shanghai. Since April 2012 I had the pleasure to supervise Yiguang Lu in the course of this internship at our department.

During his time at our lab he was involved in different projects, sometimes even in parallel. He was always able to obtain a deep understanding of the required solution and how to utilize software technologies to achieve the required target. He showed a rich understanding of all aspects of software development, both on a theoretical as well as on a practical level. This is especially true for development heavy tasks involving complex programming. He was working both in the automotive application context with on-board software as well as on off-board features like mobile applications.

Even though Yiguang is more on the silent and calm side personality wise, he grew to become an important part of our team with strong technical skills. I have enjoyed getting to know him as a person and find him to be very curious, interested and open for any challenge. I have no doubt that his skills, focus, and determination will help him in his future career. Since we are not able to offer him any position within our lab for the time being, I wish him all the best and would be happily available for any inquiries.

Kindest Regards

A handwritten signature in black ink, appearing to read 'Amen Hamdan', with a stylized flourish at the end.

Amen Hamdan