Yi Duan

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PRACTICE MAKES PERFECT.
Email: yumendy@163.com
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OBJECTIVE

Seeking an internship position in your reputable company that permits me to utilize my programming skill.

Qualifications

- Three years experience in developing web applications using Python.

- Sound knowledge of designing, coding and testing web based applications.

- Intimate knowledge of front end development HTML, CSS, JavaScript and Ajax.

- Ability to multi-task and work in a fast paced environment.

- Huawei Certified Network Associate (Certificate ID: 010100101193806434334305)

Internship

2016.7—2016.9：Rollong Technology Inc.

position：backend development internship.

project：Bedinfun campue online shop for SWJTU.

Project

2016.9-present: A distributed subsystem for audio searching

Description: This project is an audio searching distributed subsystem. Including analytical platform and searching platform.

Responsibility: Architecture ,communication protocol designing and searching platform development. I finished a high-performance memory management based on buffer pool, a high concurrency network model based epoll and a task management based on round-robin queue and key-value storage.

2015.12: Python SDK for Mobile App Development for HIT

Description: A SDK for user authentication and fetch user information from HIT 3rd party Mobile Application Development Platform.

Link: https://github.com/yumendy/HIT-Mobile-SDK-Python

Responsibility: API Design, coding and testing.   **Skills:** Python

2015.11-2015.12: A socket based communication module for dedicated protocol

Description: The module is designed for high concurrency and security. To achieve this goal, I designed a structure which consists of Triple Queues, Double Controllers, Single Worker.

Link: https://github.com/yumendy/MessageModule

Responsibility: Protocol Design, coding and testing.   **Skills:** Python

2015.10-2015.12: Community Management System based on Composite Pattern
Description: This project is the course project for software engineering.
Link: https://github.com/yumendy/CommunityManagement/

Responsibility: Full stack.   **Skills:** Python, Django, bootstrap

2015.4: Chinese Traditional Cultural Popularity Index Computing System
Description: A dedicated demo developed for BLCU, which can give out a visualized form of Chinese Traditional Cultural Popularity Index based on social and press media.
Link: https://github.com/yumendy/TradsDemo/   **Skills:** Python, Django, bootstrap
Responsibility: Full stack.

2014.10–2014.11: Volunteer Service Time Declare Platform of HIT-CS
Description: This project is used for students to declare their volunteer service time online.
Link: http://hitcszyfw.sinaapp.com/   **Skills:** Python, Django, Bootstrap
Responsibility: Full stack.

2013.9–2014.7: Eatery Master
Description: This project we did for the Freshmen Project of HIT. We finished a website for colleges to manage their eateries. Students can comment on eateries and shear their eating experience to each other. Eateries can publish their menu on it and the website will recommend dishes to students according to the score of the dishes. This project won the second prize of the Freshmen Project of HIT.
Link: https://github.com/yumendy/EateryMaster   **Skills:** Python, Django, Bootstrap
Responsibility: Architecture designing and 95% coding for the whole website.

2014.2–2014.4: HIT C Programming Language Training Platform Assistant
Description: This project is a code sharing platform which students can share themselves pretty code on it. My first project. My friend and I finished it when we were freshmen. We have about 361 users and 575 coding problems on our platform up to now.
Link: http://ssecta.sinaapp.com/   **Skills:** Python, Django, Bootstrap
Responsibility: Architecture designing and front end development.

Award

2015.8: College students Information Security Contest(China) – First Prize
Awarded for: Privacy-oriented anonymous electrical voting system
Related Skills: Android Development
Responsibility: Business logical layer development

Experience

2014.9 - 2014.12: 2014 Autumn Semester T.A. for Python Programming.
2014.9 – 2016.5: HIT Commission for Discipline Inspection Assistant.
2015.3 - 2015.6: 2015 Spring Semester T.A. for C Programming.
2015.3 - Present: The leader of Pureweber development team.
2015.7 : 2015 Summer Semester T.A. for C++ Programming.
2015.9 – 2016.6: The vice-leader of Microsoft Student Club.
2016.7 : 2016 Summer Semester T.A. for C++ Programming.

段艺

性别：男
教育信息：哈尔滨工业大学-计算机科学与技术
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求职意向

希望能获得一个后端开发实习生岗位。

专业技能

有三年使用Python开发web应用的经历。

熟练Web应用设计、开发与测试

熟悉前端开发过程。熟练使用Bootstrap等前端框架。

有良好的编码习惯和团队合作能力。

HCNA华为网络工程师资格认证（编号：01010010119380643434305）

实习经历

2016.7—2016.9：成都诺朗科技有限公司

职位：后端开发实习生

项目经历

2016.9-至今：某9期工程分布式音频检索子系统

项目描述：实验室承接某9期工程中的分布式音频检索子系统项目。项目分为前端分析机和后端检索机。使用该套分布式系统完成音频检索任务。

责任描述：设计分布式架构及通讯协议。实现检索机主程序。主要包含基于缓冲池和任务队列的高效内存管理模块，基于epoll的高并发网络收发模块，基于循环队列和键值存储的高效任务管理模块。

2015.12：哈工大移动应用平台第三方WEB应用接入Python-SDK

项目描述：哈工大移动应用平台第三方WEB应用接入服务端Python-SDK。用于用户身份验证，及身份信息获取。

项目地址：https://github.com/yumendy/HIT-Mobile-SDK-Python

责任描述：完整开发及测试。

2015.11-2015.12：基于socket的自有协议消息通信模块

项目描述：基于socket开发的自有协议的高并发消息通信模块，具备高可用性与安全性。采用Triple Queues，Double Controllers，Single Worker架构设计。

项目地址：https://github.com/yumendy/MessageModule

责任描述：完整开发及测试。

2015.10-2015.12：基于组合模式设计的社团管理系统

项目描述：软件工程课程设计，基于组合模式设计完成的一套小型社团管理系统。使用组件化开发方式，可以方便的增加和减少功能。

项目地址：https://github.com/yumendy/CommunityManagement/

责任描述：全站开发与设计。

2015.4：中国传统文化元素流通指数计算平台

项目描述：该项目为北京语言大学语言资源监测与研究平面媒体中心数据展示项目，以数据可视化的方式展示中国传统文化元素在当前微博和平媒中的流通指数。

项目地址：https://github.com/yumendy/TradsDemo　相关技术：Python、Django、Bootstrap

责任描述：全站开发及设计。

2014.10–2014.11：哈工大计算机学院志愿服务时长申报平台

项目描述：该项目为同学们提供了一个更为便捷、可靠的提交渠道。同时为管理人员提供了更为方便快捷的对于志愿服务报告审核以及统计渠道。该项目在线运营效果良好，现服务于全院同学。

项目地址：http://hitcszyfw.sinaapp.com/　　　　　相关技术：Python、Django、Bootstrap

责任描述：全站开发及设计。

2013.9–2014.7：食堂达人

项目简介：该项目是我校大一年度项目，完成了一个基于学校食堂的餐饮点评、经验分享、进餐推荐，以及食堂分级管理网站。项目获得该年度学校大一科创二等奖。

项目地址：https://github.com/yumendy/EateryMaster

相关技术：Python、Django、Bootstrap

责任描述：全站除"餐饮推荐部分"的编码、测试工作。

2014.2–2014.4：SSECTA（SSE-C语言训练助手）

项目简介：该项目是学习C语言课程期间与好友合作的代码交流分享平台，供同学们查询平时练习过程中的问题。通过实名认证后发布解题报告。到现在为止已经有361个用户和575道题目。

项目地址：http://ssecta.sinaapp.com/　　　　　相关技术：Python、Django、Bootstrap

责任描述：项目整体设计及前端部分开发。后台用户审核部分开发。后期测试。

获奖经历

2015.8：全国大学生信息安全竞赛一等奖
获奖作品：基于隐私保护的匿名电子选举系统

相关技术：Android

责任描述：手机端业务逻辑层开发

其他经历

2014.9–2014.12：担任2014年度秋季学期Python课程助教。

2014.9–2016.5：担任哈工大校纪委助管。

2015.3-2015.6：担任2015年度春季学期C语言程序设计助教。

2015.3 – 至今：担任Pureweber开发组组长。

2015.7：担任2015年度夏季学期C++语言程序设计助教。

2015.9 – 2016.5：哈尔滨工业大学微软学生俱乐部副主席

2016.7：担任2016年度夏季学期C++语言程序设计助教。