Feng Xia

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Summary

- Passionate Python developer for over 15 years.
- Love building Django apps.
- Full-stack capable.
- Welcome challenging problem.
- Have a high standard in work quality.
- Salesforce advocate.

Experience

Founder, Consultant
PY Consulting

01/2015 - present
Raleigh, NC

- **Wei Fashion Group project**. Wei Fashion Group is an international fashion product trading company. Designed and built an inventory management and order tracking system in four weeks. Developed Android prototype in two weeks. Played a key role in setting up its Shenzhen subsidiary. Invited as feature speaker by "*2016 Jiuzhou e-Commerce Convention*" on Dec 8th, 2015, Shenzhen, China.
  - Tools: Django, Bootstrap, jQuery, Cordova, AngularJS, AWS, uWSGI, Nginx
  - Demo: http://fengxia.co:8003/wei

- **GKP project**. Designed a web reference tool assisting Chinese high school graduate selecting domestic colleges. Featuring information about 3,383 colleges and universities, 1,663 majors, two million historical exam records and 50,000 lines per minute live chat stream.
  - Tools: Django, Bootstrap, Redis, Google map API, Baidu map API, Baidu Echarts, TOR API, Privoxy, AWS, uWSGI, Nginx
  - Demo: http://fengxia.co:8001:/gaokao/

- **JK project**. Developed an open-source web application that runs stock trading simulation with step-by-step transaction trace. User can test strategy and view comparisons with actual S&P500 daily data and China's S&P500 equivalent. Asynchronous design puts CPU intense computation to background processed by multithreading consumer.
  - Tools: Django, Bootstrap, Redis, Highcharts, AWS, uWSGI, Nginx
  - Demo: http://fengxia.co:8002/jk

- **Linkage project**. Linkage Ltd. is a start-up software company specializing ODOO module development. Built ODOO's continuous integration (CI) server. Customized ODOO inventory management system. Authored the company's "*2016-17 Technology Roadmap*".
    ‣ Tools: Python, ODOO, Buildbot

Managing Director
Beijing Lean Strategy Consulting Group

11/2013 - 01/2015
Beijing, China

- Responsible for a $3-million fixed-bid software contract. Client is a Fortune-500 company. Project included designing and developing full-stack web and mobile applications that replaced three legacy systems.

- Led system architecture design based on SOA technologies. Managed evaluation of ESB, BPM and database components.
    ‣ Tools: IBM Rational, MySQL, Java Spring Struts Hibernate, JBoss ESB, Mule ESB, Apache ServiceMix, Activiti BPM

- Supervised two vendor invitation-for-bids. Responsible for $1.2-million RMB ($200,000 USD) purchase.

- Managed QA team to automate regression tests. Coded two thousand test cases in TDD syntax, Python Unittest and Selenium webdriver. Built QA continuous integration infrastructure using Jenkins and SonarQube.
    ‣ Tools: Python, Selenium webdriver, PhantomJS, Jenkins, SonarQube

- Enhanced company's standard operating procedure (SOP), including initiation of an online knowledge base, a project management system and a configuration management system.
    ‣ Tools: Redmine, SVN

- Setup a local service team. Screened hundreds of resume and interviewed nearly one hundred candidates.

Project Manager
CrunchTime! Information Systems

07/2010 - 11/2013
Boston, MA

- Provided technical support to client on administrating our ERP product. Initiated statement-of-work(SOW) and followed it through development, user-acceptance-test(UAT) and deployment.

- ‣ Tools: Jira, MS Project, Taskjuggler

- Played a key role in pre-sales to Yum!China, Yum!'s most profitable branch at the time. Analyzed over 600 pages of requirements covering operation of fourteen departments. Worked closely with CEO and Yum!'s senior executives to outline deal structure. Participated in all key decisions regarding this deal.

- In charge of administrating Salesforce production instance, including setting up workflows, triggers, approval processes, a customer portal and a vendor portal.
  - ‣ Tools: Salesforce APEX

- Customized Salesforce Customer Portal using APEX, Visualforce and jQuery. The portal won Bronze in the "2011 Steve Awards for Sales & Customer Service".
  - ‣ Tools: Salesforce APEX, Visualforce, jQuery, CSS

- Built the company's first mobile application prototype using Cordova, HTML5 and jQuery Mobile.
  - ‣ Tools: Cordova, HTML5, jQuery mobile, Google map API, AT&T yellow page API

- Built user-acceptance-test(UAT) library using Python-Selenium, reducing one UAT cycle from 40-man-hour to less than 2 hours.
  - ‣ Tools: Python, Selenium webdriver, Django

Senior Business Manager
China Everbright Bank

04/2009 - 04/2010
Beijing, China

- Supervised two vendor invitation-for-bids. In charge of a $2-million purchase of a software system. Managed system implementation, customization, training and administration.
  - ‣ Tools: Word, Powerpoint, Project

- Setup Business Analysis team from ground up. Created report templates and analysis framework. Analysis results were the basis of two loans of substantial amount.

- Led team to create drafts of contracts, business policies, workflows and training materials.

Research Scientist
Bit9 Inc.

04/2004 - 01/2007
Cambridge, MA

- Created a breakthrough technology in endpoint application control product, which played a key role in winning Bit9 a $6-million B-round led by Kleiner Perkins.
  - ‣ Tools: kernel rootkits, VMWare, Python, Graphviz

- Member of Bit9's SaaS team. Built the world's largest Windows binary repository at the time featuring four billion records. Wrote C++ parser for the PE16/32/64 formats.
  - Tools: VC++

- Hands on experience with undocumented NT kernel data structures and rootkits.

Senior Engineer
Instron Corp.

07/1998 - 04/2004
Canton, MA

- Developed embedded controller of Instron's impact tester line (9250HV).
  - Tools: RTOS, C, Python

- Developed embedded controller of two million-dollar projects. Led system training.
  - Tools: RTOS, C, PLC

- Initiated a new product line – closed-loop Brinell hardness tester.
  - Tools: RTPS, C, VB

  Assisted in training the company's first Chinese R&D team.

Education

MBA
Boston University

04/2007 - 09/2008
Boston, MA

- GPA: 3.75/4.0
- Recipient of "*High Honor and Dean's Achievement Scholarship*"
- "*Certificate of International Management Program*"
- 2nd place in the "*13th Annual Net Impact Case Competition*"

Master of Science
Ohio University

09/1995 - 05/1997
Athens, OH

- GPA: 3.5/4.0
- "*Student Employee of the Month*"

Bachelor of Science
Shanghai Jiaotong University

09/1990 - 07/1994
Shanghai, China

- GPA: 3.15/4.0

Skills

Software development	Python Django Bootstrap CSS, JS, HTML jQuery ODOO	SQL Salesforce APEX Cordova Google app engine C Git	SVN Bower Yeoman Jira
QA	Selenium HP LoadRunner SonarQube	Cucumber Redmine	Bugzilla
System deployment	Amazon EC2,RDS,S3 uWSGI Nginx	Apache Builtbot	Fabric
System monitoring	InfluxDB Grafana	Cacti Nagios	
System administration	Salesforce AWS	Ubuntu Linux	
Administrative tasks	LaTex Word Powerpoint	Excel MS Project	Taskjuggler