**TAN, chao**

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**Profile**

Full stack developer, worked in China, Singapore and USA; 3+yrs Python and 7+yrs Java, skilled Unix/Linux scripting, solid HTML/CSS/JavaScript; strong SQL on relational database; experienced MVC and RESTful web development; hands on SDLC, TDD and Agile; familiar with continuous delivery and release management; interested and practiced in open source world, Github, Fabric, Splunk and Docker etc., experience with Go and Node.js.

**Experience**

**HSBC (China)** Senior Software Engineer 2012.07 - now

Designed and founded environment management platform (MESA) from scratch in Python, made new environment initialization from 2days to 2hour, reduced half resources; enhanced and reconstructed regression testing automation framework on Jemmy (Java) with RESTful APIs, NFOS site mini-regression reduced from 1day to 4hours, full-regression reduced to 20% time; managed Murex environments, optimized SQLs to save 1hou­r manual work on daily basis; adapted excel tools by VBA programming for rate import.

**HSBC Securities Inc. (USA)** Senior Software Engineer 2013.08 – 2014.08

Enhanced Valuation Service (VS) reconciliation procedure by automation tools development in Python, reduced workload from 2day to half day; reduced middle office direct calls to 20% by providing self-served tool; extended MESA to NFOS system in America; supported New York traders and business directly with recognized feedback.

**eBay Inc. (China)** Release Engineer 2011.07 – 2012.06

Participated in release auto-build tool development to accelerate rollout trouble shooting 5 times faster; conducted QA and production environments; built web clawer like alert instead of human monitor, freed one man-work-day on weekly events; integrated with JIRA system to automatically notify owners, utilized 1 day manual work per release.

**eBaoTech (Singapore)** Application Developer 2010.07 – 2011.07

Succeeded technical consultant on insurance system for Great Eastern Life Insurance, fixed 150% bugs compare average; analyzed and improved Oracle store procedures, optimized batch reports to 10~30% time cost; researched company’s framework to achieve better solution with 1% code change.

**Wonders (China)** Software Engineer 2008.07 – 2010.07

Focused in J2EE projects of Shanghai Gong Shang on SSH structure; participated whole SDLC; programmed both back-end and front-end; rewrote jQuery plugins use only 5% code.

**Education**

East China University of Science and Technology, Shanghai, China

**B.S.** in Computer Science & **Diploma** in Finance, **2008**