

WENXUAN XIA

✉ nivlek0.xia@gmail.com · ☎ (765) 637-1665 · 🌐 http://nivxia.com

Objective: Look for a Software Developing Intern opportunity in Summer 2016

🎓 EDUCATION

Purdue University, West Lafayette, Indiana 2015 – Present

Master student in Industrial Engineering (IE), **already full credits**, expected Dec. 2016, GPA 3.56

Zhejiang University, Hangzhou, China 2011 – 2015

B.S. in Computer Science (CS), GPA 3.49

👥 EXPERIENCE

RCODI, Purdue, West Lafayette, Indiana Oct. 2015 – Present

Web Developing Competition evaluator Manager: Allison Lamb

Evaluate HTML and Javascript code for competition Ironhacks Purdue

- Evaluate total more than 50 competitors code during the competition
- Check whether competitors javascript code exist common errors like array range error, sql injection, ect.
- Check if exist layout error in HTML and CSS
- Determine how far these errors influence UX, and scale it to contribute final score of competitors

SENKEN Group Co., Ltd, China May 2015 – July 2015

Server-end developer Manager: Sheng Luo

Real-time information and geo-position sharing system for police hand-hold equipment

- Developed message-sending-fetching api using CodeIgnitor with php, mainly based on POST method.
- Design database tables for this app using MySQL, including users, msg, geo-position, etc. And build the index and foreign keys to improve querying.
- Designed data exchange synchronize protocol for both server and client by marking a extra isRead column. This protocol ensure messages are fetched and stored only one time.

EagleLab, Zhejiang University, Hangzhou, China Sep. 2013 – Apr. 2014

Research Assistant Research Group Project, Guided by Prof. Jiajun Bu

Developed a efficient way to crawl most of templates from portal websites

- Designed a efficient page-page comparison algorithm. Considering HTML tags, class and id names, tag sequences, etc. as features, modified and applied spectral k-means method, and dynamically add new class (add k) if a different page comes.
- Developed Multi-thread crawler, embedded skipping according to HTML structure, according to the result of page-page comparison algorithm.

Weiboyi, Beijing, China June. 2011 – Aug. 2011

Chrome Plugin Developer

- Embedded html tags into Sina, Tencent Weibo Page to each user.
- These html tags provide hyper-link to database, which used to mark user's behavior to create training datas.

⚙️ SKILLS

- Programming Language: Python(*most use*), php, JavaScript, HTML, CSS3, MySQL, Postgres
- Framework or libs used: Django, BeautifulSoup, CodeIgniter, Bootstrap, d3js, JQuery
- Platform and Version Control: Mac OS X, Linux, Git