Fanzhong Kong

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OBJECTIVE

Seeking a full-time Software Developer or a six month research internship in R&D started at Aug. 2018

EDUCATION

University of Michigan, Ann Arbor, MI   **May 2018**

Bachelor of Computer Science   *GPA: 4.00/4.00*

Coursework: Algorithm and Data Structure, Operating System, Machine Learning (+ NLP, DL), Number Theory, Web. System programming, Security, Database Management

Shanghai Jiao Tong University, Shanghai, China   **July 2018**

Bachelor of Computer and Electrical engineering   *GPA: 3.77/4.00*

Coursework: Digital signals, Electromagnetism, Logic Design, Statistics, Honor Mathematics

RECENT EXPERIENCE

University of Michigan Database Research Group   **April 2017 – Present**

Research Assistant, Code Completion System Group under Prof. Michael Cafarella

- Brainstorm to extract possible features from codes used to predict unknown part in code
- Build an API server together with plug-in in *Atom* to test accuracy of the system
- Write data quality report and do error bucketing to analyze possible direction for improvement

University of Michigan Biomechanics Physiology Lab   **March 2017 - Present**

Software Developer, 3SSDP (a MFC software) Group

- Work with a team of 5 to develop functions based on *openGL* in a existing huge frame work
- Locate and correct the bugs existed, collaborating to improving the code or algorithm with low efficiency
- Add annotations to unwell-commented codes

University of Michigan   **January 2017 – April 2017**

Programming Tutor

- Helped the student with difficulty in debugging or improving her programs by 30% of the score
- Deepened the student's understanding towards the data structure and algorithm

SKILLS

Platform: Windows 7/8/10, Linux

Languages: C++, Python, Java, JavaScript, HTML, Matlab, coffeescript

Applications: Microsoft Office, Adobe Premiere, Adobe Photoshop, Lightroom, After Effects, Latex, Prezi

VOLUNTTEERS and HONERS

- Volunteer - teach in the under-development area for under privileged children with organizations in university ---- Math, Chinese, English, Music
- Director - media department in Joint institute, *Shanghai Jiao Tong University*
- Distinguished leadership award, 2015, *Shanghai Jiao Tong University*
- First prize in high school algorithm competition, 2011, 2012 (National Informatics Olympiads in Province).

MORE in PERSONAL WEBSITE

See more about personal projects in https://kongfanzhong.github.io/personal-website-kfz/