Kangxu Wang

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OBJECTIVE
Seeking a fulltime position in software engineering starting from Janurary 2018

EDUCATION
University of Michigan - Ann Arbor   Expected Graduation Date: Dec 2017
    B.S.E in Computer Science Engineering   GPA: 3.9 | 4.0
Shanghai Jiao Tong University - Shanghai, China   Graduation Date: Aug. 2016
    B.S.E in Mechanical Engineering   GPA: 3.5 | 4.0

RELEVANT COURSEWORK
Intro to Operating Systems, Database Management Systems, Intro to Computer Security, Data Structures and Algorithms, Intro to Computer Organization

PROJECT EXPERIENCE
Smartphone based SLAM - Huawei Technologies, Shanghai   May 2016 – Aug. 2016
- Programmed an Android App to achieve Simultaneous Localization and Mapping (SLAM)
- Wrote Java program to require permissions for sensors and to manage Android layout
- Compiled ORB-SLAM source code (written in C) in Java through Java Native Interface (JNI)

Match Point, a sports matching website - MHacks 7, University of Michigan   March 2016
- Brainstormed the concept of sports matching website and designed logic between web pages
- Designed the layout and UI using Bootstrap front-end framework
- Studied and applied Firebase JavaScript API for user authentication and information storage

RESEARCH EXPERIENCE
Computational Fluid Dynamics Methods - University of Michigan   Sept. 2015 – Dec. 2015
Undergraduate Research Assistant
- Investigated efficiency and robustness of numerical methods (Runge Kutta, Forward Euler, etc.)
- Programmed Matlab and shell scripts to test cases for 33 methods with different time steps
- Participated in weekly meeting with professor and finalized technical written report

ENGINEERING SKILLS
Programming Languages: C/C++, Java, Python, SQL, HTML/CSS, Matlab, Mathematica
Engineering Tools: Git, LaTeX, Arduino, CATIA, Unigraphics/NX
Languages: English and Chinese

HONORS AND AWARDS
James B. Angell Scholar, University of Michigan   March 2016
EECS Scholar Award, EECS Department, University of Michigan   March 2016
Dean's List, College of Engineering, University of Michigan   Fall 14, Winter 15, Winter 16
Excellent Academic Scholarship, third-class, Shanghai Jiao Tong University   2014