Weijia Sun

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EDUCATION

University of Michigan and Shanghai Jiao Tong University Dual Degree **Ann Arbor, MI and Shanghai, CN**

B.S.E., CSE and ECE, GPA: 3.5/4.0 **Graduated Apr. 2015**

- Courses: Operating System (482), Database (484), Data Structures & Algorithms (281), Computer Organization (370)

SKILLS

- Working knowledge on C++, C#, JS, Linux, Git, Databases, Front-end frameworks, and Java

WORK EXPERIENCE

Dell EMC **Round Rock, TX**

Software Engineer **May 2018 - Present**

- Developing a library that comprises branding approved, accessible UI components that streamlines frontend development at Dell. Assets available both as a node module and at static URLs.
- Work in progress component showcase page available here, http://uicore-server.apps.eus.koaplatform.io/.

Dell EMC **Round Rock, TX**

Software Engineer **Aug 2015 - May 2018**

- Contributed to a distributor interface for seamless price management with AngularJS, C#, and SQL under an agile environment. (https://channel.dell.com/spl/products)
- Implemented refiner logic to filter products, responsive client-side search, product publish/unpublish, and excel exports with styling.
- Automated test cases and ran regression testing when needed.

Tencent (world 3rd largest Internet company) **Beijing, China**

Software Engineering Intern **May 2014 - Aug. 2014**

- Developed a social networking service for Tencent map accommodating both Facebook-like and Twitter-like interpersonal relationship that impacts millions of users.
- Added features like nearby places search and fuzzy search to services called by the whole map team.
- Implemented 6 other services that reduced or eliminated manual labor with automation.

Networkingout (a startup that fuses networking and working out) **Detroit, MI**

Software Engineering Intern (remote) **May. 2014 - Aug. 2014**

- Implemented friend recommendation algorithms based on user profiles and optimised for different scale of data on board.
- Contributed significant amount of thoughts on future development of the networkingout platform. E.g., discussion about active and inactive users.
- Integrated 6 APIs to enable querying other platform.

PROJECTS

A Gesture Controlled Maze Game for ICU Patients, Contributor **Jan. 2015 - Apr. 2015**

- Achieved slowed physical and mental deterioration for ICU patients by increased activities.
- Implemented a Unity maze for a Myo controlled avatar to navigate in.

Honors

- Outstanding Student Award from Shanghai Jiao Tong University, Fall 2012
- UM-SJTU Joint Institute Dean's List (3 times), Fall 2011, Summer 2012, Fall 2013
- Ranked top 3% in ENGR 100