Yiwen Dong

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EDUCATION

Northeastern University, Boston, MA   December 2018
College of Computer and Information Science
Candidate for Bachelor of Science in Computer Science (GPA: 3.9/4.0)

> Honors: Dean's List

> Related Courses: Networks and Distributed Systems, Programming Languages (Masters), Web Development, Database Design, Computer Systems (Masters), Software Development, The Law Ethics and Policy of Data and Digital Technologies, Algorithms (Masters), Object Oriented Design, Embedded Design Enabling Robotics

TECHNICAL KNOWLEDGE

Languages
- Java, JavaScript, C, C++, Python, Racket, MySQL, Verilog, Latex

Frameworks
- Spring 4, Hibernate 4, React, jQuery, JUnit, Maven, node.js, Express, MongoDB, JSP, Tomcat

ACADEMIC PROJECTS

Recumbent Bike   Fall 2017-Present
- Lead a team of engineers designing and building a recumbent trike for young boy with disability, customized to fit his needs.

QEMU Live Migration Improvement   Spring 2018
- Implemented faster live migration method for memory heavy virtual machines than QEMU default implimentation by optimizing hot spots.

Traffic Visualization   Fall 2016
- Created visualization on top of Google Maps using construction, accident, and congestion data from Mass Gov site for the Boston area.

PERSONAL PROJECTS

AlarmClock   September 2017
- Developed web app with node.js in JavaScript allowing user to obtain time/weather/medication usage in concise manner.

CustomDoc   July 2017
- Developed eclipse plugin to generate code template for classes and methods in Java.

PAST LEADERSHIP EXPERIENCE

Hopkinton High Math Team, Hopkinton, MA   September 2015-May 2016
Math Team Co-Captain,
- Organized teams to participate in the WOCOMAL math competition.
- Invited to Massachusetts State Invitational.

Aluminum Warrior 5163, Hopkinton, MA   September 2014-May 2015
FRC Robotics Co-Captain
- Competed in First Robotics Competition.
- Designed robots to complete tasks both automatously and teleoperated.