Yiwen Dong

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yiwendong.me

EDUCATION

Northeastern University, Boston MA.   September 2016-Present
College of Computer and Information Science
Candidate for a Bachelor of Science in Computer Science   Expected December 2018

Honors: GPA: 3.8/4.0 • Dean's List

Related Courses: Web Development, Database Design, Computer Systems (Grad), Software Development, The Law Ethics and Policy of Data and Digital Technologies, Algorithms (Grad), Object Oriented Design, Embedded Design Enabling Robotics.

Hopkinton High School, Hopkinton MA.   September 2012-May 2016

TECHNICAL KNOWLEDGE

Languages
- Java, JavaScript, C, C++, Racket, Python 2, Bash, SQL

Frameworks
- Spring 4, Hibernate 4, JSP, React, JQuery, Junit, Maven, node.js, Tomcat, JDBC

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.

PROJECTS

Recumbent Bike   (On Going)
- Leading a team of engineers designing and building trike for young boy with disability, customized to fit his needs.

QEMU Live Migration Improvement   April 2018
- Implemented faster live migration method for memory heavy virtual machines than default.

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

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

Traffic Visualization   December 2016
- Created visualization using construction, accident, and congestion data from Mass Gov site for the Boston area.

More projects are on my website
References available upon request