YAO XIAO

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http://xarvey.github.io/

OBJECTIVE

To obtain an internship in the computer science field in summer 2016, utilizing my skills in software engineering and machine intelligence.

EDUCATION

Purdue University, West Lafayette   *December 2016*
Bachelor of Science in Computer Science
Overall GPA: 3.57/4.00

TECHNICAL STRENGTHS

Computer Languages	Familiar with Java, C++, C, Python. Knows Delphi, R, ARM, X86
Web Designing	Javascript, Apache, mongodb, mysql
Tools	Git, Vim, Maven, Sublime, Latex, Grunt, RequireJS, MeteorJS

EXPERIENCE

Software Engineering Intern   May 2015 - August 2015
Homeaway.com   *Austin,TX*

· Redesigned a front end data validator which can validate the data passing through the page
· Utilized the proctor framework to drop the validator scripts on certain percentage of the users
· Implemented a RUM(Real User Monitoring) integration to current system for future analysis on Hadoop
· Tool used: Java, Javascript, Grunt, Eslint, Maven, Spring

Teaching Assistant   January 2013 - December 2014
Purdue University   *West Lafayette, IN*

· Designed class assignments on topics in various freshman programming classes

PROJECTS

A Javascript compiler   Spring 2015
Purdue University   *West Lafayette,IN*

· Using Lex/Yacc(front end) and LLVM C++(back end) to implement a mini javascript compiler
· Generated diagnosis report of a statement using the dynamic backward program slice method
· Optimized code using common sub-expression elimination.

Find a room   Fall 2014
Purdue University   *West Lafayette,IN*

· Created an indoor navigator app for users finding destination indoor.
· Focused on backend design and the navigation algorithm
· Using HTML, CSS, Javascript, mongodb, and meteor JS framework to create the app

HONORS

Dean of student && Semester Honor   Fall 2014-Present
Participating in ACM-ICPC East-Central North America Regional, earned 25th place(2nd among Purdue)
Purdue CS Continuing Student Scholarship Recipient