YAO XIAO

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`http://xarvey.github.io`

OBJECTIVE

Keep learning, keep dreaming

EDUCATION

Purdue University, West Lafayette *August 2013 - May 2017*

Bachelor of Science in Computer Science with a Minor in Math and a Certificate of Entrepreneur

Overall GPA: 3.71/4.00

EXPERIENCE

Software Engineering Intern September 2016 - December 2016

The Climate Corporation *Seattle, WA*

· Inlined a preprocessing logic directly into the current product which reduces the rainfall errors in Python
· Optimized the preprocessing logic using balltree

Software Engineering Intern May 2016 - July 2016

Bloomberg L.P. *New York, NY*

· Created Apache Spark based rule engine in Scala to support a new product being developed by the team
· Adapted my system to the existing set of APIs' to support billions of data points per day

Software Engineering Intern June 2015 - August 2015

Homeaway.com *Austin, TX*

· Redesigned a front end data validator which can validate the data passing through the page in Javascript
· Utilized the proctor to drop the validator scripts in Java
· Implemented a real user monitoring integration to analyze user behavior across all sites in real-time

PROJECTS

Find a room (HTML5 Application) Fall 2014

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

A mini Javascript compiler Spring 2015

· Implemented a compiler/runtime for a Javascript like language with lex and yacc in C++
· Gave user warning at both compile time and run time

TECHNICAL STRENGTHS

Computer Languages	Proficient in Java, Javascript, C++, Python, Scala
	Familiar with Delphi, R, MATLAB, Swift, Mysql, Spark, Clojure
Tools	Git, Maven, Latex, Grunt, Jenkins, Splunk, Docker

HONORS

Dean of student && Semester Honor Fall 2014-Present

13th place(1st among Purdue) in ACM-ICPC East-Central North America Regional 2015

Purdue CS Continuing Student Scholarship Recipient