

# YAO XIAO

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<http://xarvey.github.io>

## OBJECTIVE

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To obtain a full time position in the computer science field in summer 2017, utilizing my skills in computer science.

## EDUCATION

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**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

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**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

**Teaching Assistant**

January 2013 - April 2016

*Purdue University*

*West Lafayette, IN*

- Designed class assignments on various topics in Competitive Programming, Programming In C and Python

## PROJECTS

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**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

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**Computer Languages**

Proficient in Java, Javascript, C++, Python, Scala

Familiar with Delphi, R, MATLAB, Swift, Mysql, Spark

**Tools**

Git, Maven, Latex, Grunt, Jenkins

## HONORS

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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