

# YAO XIAO

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<http://xarvey.github.io>

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## OBJECTIVE

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

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## EDUCATION

**Purdue University, West Lafayette**

*August 2013 - December 2016*

Bachelor of Science in Computer Science with a Minor in Math

Overall GPA: 3.57/4.00

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## 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 in Javascript
- Utilized the proctor to drop the validator scripts on certain percentage of the 3,000,000 users/day in Java
- Implemented a RUM(Real User Monitoring) integration to analyze user behavior across all sites in real-time

**Teaching Assistant**

January 2013 - December 2014

*Purdue University*

*West Lafayette, IN*

- Designed class assignments on various topics in CS240 (Programming In C) and CS177 (Programming in Python)
- Hold help sessions to help students with their coding and debugging

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## PROJECTS

**Application: Find a room**

Fall 2014

- Created an indoor navigator 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

**Application: My friends**

Spring 2015

- Collaborated with fellow classmates to design a pseudo-Facebook, supporting user posting message in Python
- Allowed user posting their messages in their own friend circles
- Created a search engine by various metrics

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## TECHNICAL STRENGTHS

**Computer Languages**

Proficient in Java, Javascript, C, Python, mysql

Familiar with C++, Delphi, R, MATLAB

**Tools**

Git, Maven, IntelliJ, Latex, Grunt

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## 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