

# SAI PRASHANTH C

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## SUMMARY

A Computer Science Graduate student having over 2 years of experience with **creating and designing websites and web apps**, right from **UI** with **HTML, CSS**, and **JavaScript** to getting down-n-dirty with **server side scripting using PHP and MySQL**, and everything in between. Seeking an **Internship** in the area of **Web Security**.

## EDUCATION

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|--|--------------------|
| <b>MS in Computer Science, <i>Arizona State University</i></b>   | Aug 2014 - Present |
| <b>B.E. in Computer Science and Engineering, <i>MNM Jain Engineering College, Anna University</i>. GPA 8.58/10 (4.00/4.00)</b> | March 2014         |

## ACADEMIC PROJECTS

|  |             |
|--|-------------|
| <b>FallBreak – Fall detection app for Android</b> <ul style="list-style-type: none"><li>Developed a Fall detection app using the Rotation Vector and Accelerometer.</li><li>Automated the unit and integration tests using Robotium Suite.</li></ul>   | Fall 2014   |
| <b>Asynchronous Server Platform- Optimization over traditional platforms</b> <ul style="list-style-type: none"><li>Designed and developed an asynchronous server using Node.js, to support a real time game and a stock market system, made a comparison study with traditional systems built using PHP and Java.</li><li>Benchmarked and showcased a Best case scenario of 328% improvement in the no. of requests serviced per second, and a worst case scenario of 109% compared to vanilla PHP/Java.</li></ul> | Spring 2014 |

## EXTRA-CURRICULAR PROJECTS

|  |                     |
|--|---------------------|
| <b>IdLink Systems</b> <ul style="list-style-type: none"><li>Developed a new multi-factor authentication system using JavaScript and PHP for Dignity Health Corporation. Details withheld due to NDA.</li></ul>   | Fall 2014           |
| <b>Chain reaction - Browser Version</b> <ul style="list-style-type: none"><li>Ported the popular game "Chain reaction" to the browser using HTML, CSS and JavaScript.</li><li>Programmed it to run on as many devices as possible in the smallest possible size of 6kb, with no usage of any library/framework.</li><li>Designed the game to run offline (more of an app than a browser game).</li></ul> | June 2014           |
| <b>Angel Ceramics</b> <ul style="list-style-type: none"><li>Built a full blown inventory control system, complete with user authentication, adding, editing, removing items and exporting the data into other formats (MS Excel .xls, json, CSV etc) for a ceramics factory.</li><li>Built with PHP and MySQL as backend, and using JS and AJAX to give the user a responsive control system.</li></ul>  | Mar 2014 - Apr 2014 |
| <b>Photoathon - <a href="http://www.photoathon.in">www.photoathon.in</a></b> <ul style="list-style-type: none"><li>Created website for Photography contest headed by leading cinematographers in the Indian Film Industry.</li><li>Conceptualized and designed the site using JQueryUI and Supersized.js.</li></ul>  | Nov 2013 - Jan 2014 |

## EXPERIENCE

|  |                    |
|--|--------------------|
| <b>Thesis Advisor, <i>Arizona State University</i></b> <ul style="list-style-type: none"><li>Served as the thesis advisor to an undergrad student.</li></ul>   | Fall 2014          |
| <b>Teaching Assistant, <i>Arizona State University</i></b> <ul style="list-style-type: none"><li>Evaluated and graded the projects done by undergrads for the Capstone Project I.</li></ul>  | Fall 2014          |
| <b>Co-Founder, <i>Webgyor Waves, Inc.</i></b> <ul style="list-style-type: none"><li>Co-founded the startup, Webgyor Waves in my 3<sup>rd</sup> year of undergrad along with 5 other students.</li><li>Developed websites and web apps – Shopping carts, Inventory Management Systems, Portfolio Websites using HTML, CSS, JavaScript, AJAX, PHP and MySQL.</li></ul> | Jan 2013 - Present |

## HONORS AND AWARDS

|   |                     |
|---|---------------------|
| <b>Best Outgoing Student 2010-2014, <i>MNM Jain Engineering College, Anna University</i>.</b><br>Selected out of 113 Students.  | Apr 2014            |
| <b>Most innovative undergrad project, <i>MNM Jain Engineering College, Anna University</i>.</b><br>Selected out of 48 projects.   | Apr 2014            |
| <b>Won 1<sup>st</sup> place and a trip to Japan in “Talk your way to Japan” Contest, <i>Hiyoshi Corporation</i>.</b><br>Selected out of 126 other participants from all over the state. | Nov 2013            |
| <b>Won 49 prizes in 34 State-level and National-level symposiums, in events like Web Designing(17), Debugging/Coding (7), Tech Quiz(9), Paper Presentations (9) etc</b>                 | Aug 2011 – Mar 2014 |

## TECHNICAL SKILLS

**Technologies:** HTML, CSS, JavaScript, AJAX, PHP, MySQL, C, C++, Java, XML, LESS, Node.js, Android App Dev, Python, Clojure.  
**Frameworks/Libraries:** jQuery, RaphaelJS, Bootstrap, KeylemonJS, JQueryUI, AngularJS.