6571 NE Cherry Drive #2-205
Hillsboro OR 97124

R ITHIKA K N AIK

(541) 602-0609
naikr@onid.oregonstate.edu
github.com/rithika

EMPLOYMENT

Software Development Intern   **Intel Corporation, USA**   **Spring 2015 – Now**

- Responsible for working on building the front end for an internal chip validation software.
- Creating various data visualizations for better analysis of the data.
- Technology used – HTML5, CSS3, Bootstrap, Javascript, jQuery, django framework, Visualization libraries like D3.js, charts.js, google charts.

Software Developer, Intern   **ADP Dealer Services (CDK Global), USA**   **Summer 2013**

- Fixed various existing issues reported by clients in the software and wrote production ready code.
- Created a module to view the red flag report analyzed by car dealers for their clients on a map interface.
- Part of a Hack-a-thon event and built a mapping tool to help the company understand their existing heaps of data.
- Technology used – PHP, PHPUnit, AngularJS, Bootstrap, Github and bug trackers.

Graduate Teaching Assistant   **Oregon State University**   **Winter 2014 – Winter 2015**

- Courses: Analysis of Algorithms, Social and Ethical issues in Computer Science, Usability Engineering, Web Development.

EDUCATION

Corvallis, OR   **Oregon State University**   **Fall 2013 – Now**

- M.S in Software Engineering and Human Computer Interaction. GPA: 3.77
- Graduate Coursework: Usability Engineering, Software Engineering, HCI Research Methods, Information Visualization, Open source Development, Methods of data Analysis.

Hyderabad, India   **Keshav Memorial Institute of Technology, JNTU**   **Fall 2009 – Spring 2013**

- Bachelor of Technology in Information Technology. Cumulative %: 80%
- Undergraduate Coursework: Operating Systems, Databases, Algorithms, Programming Languages, Computer Architecture

TECHNICAL EXPERIENCE

Projects

- **Visual Algorithm Performance Comparison**. Two testing algorithms were run individually and their performance data was collected and visualized for analysis to find the better algorithm. D3 library, HTML, CSS
- **Multilanguage Block Ciphering using Two Dimensional Array Substitution**. Developed an advanced algorithm for secure information transfer using block ciphering of a message in any language. Java
- **Student Project Allocation and Management.** Web based application used to allocate and track progress of students on their project assignments. J2EE, Oracle 10g, HTML, CSS, Javascript, Tomcat server
- **Student Schedule Retriever.** An IVRS application to retrieve a students' schedule by giving in their student registration number. Voxeo voice server, J2EE, XML.
- **E Cops Social Application.** Delivered next generation police and law enforcement tool to perform all possible activities online like file a complaint, look into criminal records, apply for licenses etc. J2EE, DB2, HTML, CSS, Javascript, WASCE WebSphere server.
- **Google Summer of Code 2011.** Worked for MIFOS (Micro Finance Open Source) and NRNB (National Resource for Natural Biology) with bug solving and feature enhancements. Java, Github, JIRA, Wiki

PAPER PUBLICATIONS
- **On Older Adults and Free/Open Source Software: Reflections of Older Contributors and Community Leaders.** IEEE Symposium on Visual Languages and Human Centric Computing, VL/HCC 2014.
- **Older Adults and Free/Open Source Software: A Diary Study of First Time Contributors.** The 10th International Symposium on Open Collaboration, ACM Press, OpenSym 2014.

LANGUAGES & TECHNOLOGIES
- C; Java; SQL; HTML; CSS; JavaScript; J2EE; D3 library
- Eclipse; R Studio; DB2; UML; MySQL; DB2; Axure; Balsamiq Mockup;
- **UX Skills :** UX; User Studies; Prototyping; Paper mock ups;