

HARITHA RATHINAKUMAR

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EDUCATION

Masters of Science in Computer Science, Clemson University

Expected Grad Date: May'18

- GPA-3.42/4.00

Bachelor of Technology in Software Engineering, SRM University

Fall'16

- GPA-3.72/4.00

TECHNICAL SKILLS

- **Web Technologies:** React.js; JavaScript; HTML5; CSS3;
- **Frameworks:** UIKit; BOOTSTRAP
- **Unit Testing:** Mocha & Chai
- **Programming Languages:** C++; PHP
- **Database Management:** MySQL Server
- **Version Control:** Git
- **Release Management Tools:** JIRA
- **Web Accessibility**

EXPERIENCE

National Brick Research Center [Clemson]

Current

Full Stack Developer

Currently working on incorporating major changes to their existing system built in PHP and MySQL such as modifying the existing data tables, automating web invoicing and generation of test reports.

ART.COM [California]

Summer'17

Web Development Intern

- Participated in the on-going Agile development and implemented user-interface features such as docking and refinements selectors in REACT.JS; Fixed multiple bugs and performed unit testing using MOCHA & CHAI.
- Performed a detailed audit on ART.COM and ALLPOSTERS.COM for Web Accessibility. Checked their conformance to WCAG 2.0 using web accessibility tools and compliance checkers, and presented a detailed report on the website's status and what needs to be done to make them Double A compliant.

Oil and Natural Gas Corporation [India]

Winter'14

Industrial Trainee

Designed and implemented a web based application – 'Organogram' for the organization during the training period in the Information-Communication Services Department.

PERSONAL PROJECTS

- **Developed a web-app that simulates Netflix experience** in React.JS, HTML, CSS
- **Developed a personal portfolio website** using HTML, CSS, and JS: <http://www.haritharathinakumar.com/>

ACADEMIC PROJECTS

- **Developed a multimedia web-app "MeTube"** in PHP and MySQL which allows users to create an account, upload/view/download audios, videos, images and GIFs. Also, users can add other users as their contacts, send messages to them and create group discussions. Additional features such as rating, commenting, adding media to favorites/playlist has been implemented too.
- **Developed a data driven 2D game in C++** using various Software Design concepts.
- **Developed an application called "Twitter Sentiment Analyzer"** that focuses on improving feature extraction from a text. Many machine learning and ensemble classification techniques are compared to see which one gives maximum accuracy. Methods for domain independent sentiment analysis are also explored.