

Sukrit Chhabra

267-650-4017

sukrit.chhabra@gmail.com

sukritchhabra.com

linkedin.com/in/sukritchhabra | github.com/sukritchhabra

Education

Drexel University (Transferred from **ICAS, Manipal University** in 2013)
Bachelor of Science in Computer Science, Minor in Mathematics

Philadelphia, PA
Anticipated Graduation: December, 2016

Skills

Computing Languages: Java, C++/C, JavaScript, HTML5, CSS3, SCSS, PHP, SQL

Frameworks and Other Technologies: Angular, EmberJS, Node, jQuery, Bootstrap, Git/Github, MongoDB

Experience

Web Developer and Research Assistant
Drexel University

Philadelphia, PA
March 2015 – September 2015

[snowball.openhtml.org]

- Worked as part of the openHTML team within a research group led by Dr. Andrea Forte.
- Developer on the **Snowball project – An open-source WordPress plugin** to create immersive articles on the web. Prototype design and implementation for Snowball and Mozilla's Webmaker Project.
- Developed components (different content types the plugin supports and the user can use) and many other features of Snowball. (HTML, CSS, JavaScript, PHP).
- Snowball was also featured on the jQuery Blog.
- Developed Snowball's website and documentation for developers to be able to contribute to the plugin.
- Led workshops on learning web technologies targeting families with young children as part of Explorer Sunday, during Philadelphia Science Festival.
- [2 ACM Publications](#) from Nester and Snowball as part of the openHTML team.

Projects

Diggly – Senior Design Project

Philadelphia, PA
September 2015 – June 2016

[github.com/WikiDiggly]

- A system that visualizes Wikipedia data based on relational content and relatedness between pages.
- Formulated algorithms for calculating relatedness between Wikipedia pages.
- Formulated algorithm for how relatedness changes based on user interactions.
- Developed front-end components to provide relational data to a user as visual tools and not just numbers and/or text.
- The system has been developed using MongoDB, JavaScript, CSS, D3, Angular and various other frameworks.

Tweety – A Twitter Game

Philadelphia, PA
July 2015 – January 2016

[tweety.midnightjabber.com] [github.com/MidnightJabber/twitterGame]

- Developed a game (a web-app, using JavaScript, CSS, HTML, PHP and SQL) where players have to match a celebrity to their tweet.
- Designed and developed front end of the game. Formulated logic of the game and implemented it.
- Structured the databases and created algorithms for efficient storage and optimized retrieval on the front end.
- Formulated and implemented a scoring algorithm to make the game more interesting.

Importr – Academic Project, Graphical User Interfaces – CS 338

Philadelphia, PA
January 2016 – March 2016

[sukritchhabra.com/importr] [github.com/sukritchhabra/importr]

- Importr is a tool that allows users to search and create a combination of library CDN's to add to online testing tools such as jsBin and jsFiddle.
- Instead of using long lists of libraries and version numbers, Importr uses simple UI elements to ease the process of searching, collecting and importing libraries.
- Developed the complete project using JavaScript, CSS3, HTML5.
- Created a primitive library for Search which is used by the search component of the application.
- Used GUI principles to create software that solves an existing problem using UI/UX enhancements.