

SUKRIT CHHABRA

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EDUCATION

Drexel University, Philadelphia, PA

- > *B.S., Computer Science, Minor in Mathematics*
- > Graduated Dec '16
- > Relevant CS Courses taken:
 - Data Structures (CS 260)
 - Algorithms (CS 457)
 - Software Engineering (CS 451)
 - Systems Programming (CS 283)
 - Graphical User Interfaces (CS 338)
 - HCI 2 (INFO 310)
 - Interactive Comp. Graphics (CS 432)
 - Web and Mobile App. Dev (CS 275)
 - Software Design (CS 350)
 - Database Systems (CS 461)

SKILLS

- > Proficient in:
 - Java, JavaScript (ES5, ES6, Typescript), HTML5, CSS3
 - Frameworks: React, Angular
 - DBs: SQL (MySQL, SQLite)
 - Technologies: Node, GIT, SCSS, JQuery, Lodash, Bootstrap, Jest
 - Tools: NPM, Bower, Gulp, Grunt, Browserify
 - Other: MVCs, AJAX, SCRUM, Agile Development, MS Office Suite.
- > Familiar with:
 - Handlebars, EmberJS
 - webpack, MongoDB, Django
 - PHP, C/C++
 - JUnit, Jasmine.js

EXPERIENCE

Software Engineer Y-Center

Philadelphia, PA
June '17 - now

- > Developing a functional demo of Y-Center's Web Platform using React, ES6, SASS, Webpack, and Node.
- > Replicating designs and sketch prototypes into a functional single-page application.
- > Creating a minimalistic UI and enhancing UX using Material and Flat Design.
- > Integrating the platform with various external services like Heroku, whiteboard services, etc.

Full Stack Engineer DeansList Inc.

New York, NY
March '17 – June '17

- > Extended and developed various UI components to add features to the software.
- > Developed APIs in PHP and SQL to structure and retrieve data from the database.
- > Implemented UI/UX design and development principles (modern fonts, contrasting colors, material design) to enhance a user's experience on the website.
- > Implemented router architecture for tabbed/routed pages.

Web Developer and Research Assistant ExCiTe Center, Drexel University

Philadelphia, PA
March '15 – September '15

- > Part of a cross-functional research team with a focus on computational education.
- > Developer on the Snowball project – An open-source WordPress plugin to create immersive articles on the web.
- > Designed/Developed prototypes for **Snowball** and **Mozilla's Webmaker Project**.
- > Developed UI components (different content types the plugin supports and the user can use) and many other features of Snowball. (Javascript, HTML5, CSS3, PHP).
- > Developed Snowball's website along with a web-page with Snowball's documentation for developers.
- > Snowball was featured on the jQuery Blog and currently has over **4000 downloads**.
- > Led workshops on learning web technologies targeting families with young children as part of Explorer Sunday, during Philadelphia Science Festival.
- > Contributed to 2 ACM Publications from Nester and Snowball as part of the openHTML team.

TECHNICAL PROJECTS

Diggly – Senior Design Project

Philadelphia, PA
A system that visualizes Wikipedia data as graph nodes. September '15 – June '16

- > Formulated the core algorithm for calculating relatedness between Wikipedia pages and how relatedness changes based on user interactions.
- > Developed front-end components in Angular to provide relational data to a user as visual tools and not just numbers and/or text.
- > Created a primitive library for Search which is used by the search component of the application.
- > Handled user-session management for the application using cookies.

YouTubeHover – Chrome Extension

Philadelphia, PA

- > Developed a chrome extension to preview YouTube videos when you hover on their thumbnails.
- > Developed the controllers which control and react to a user's actions on YouTube.
- > Developed and designed the options page which allows a user to completely customize the extensions behavior to their liking.
- > Constructed the architecture of the system for rapid development.
- > Established proper release structure for new releases of the extensions.
- > Actively providing support to users who may need help or face issues.