




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:
 - Graphical User Interfaces (CS 338)
 - HCI 2 (INFO 310)
 - Interactive Comp. Graphics (CS 432)
 - Web and Mobile App. Dev (CS 275)
 - Data Structures (CS 260)
 - Software Design (CS 350)
 - Algorithms (CS 457)
 - Database Systems (CS 461)
 - Software Engineering (CS 451)
 - Systems Programming (CS 283)

SKILLS

- > Proficient in:
 - JavaScript (ES5, ES6+, JSX, Typescript), React, Java, HTML5, SASS/SCSS, CSS3/CSS4
 - Frameworks: React, Jest, Angular, Handlebars.
 - Technologies: Node, GIT, SASS, JQuery, Lodash, Bootstrap
 - Tools: Webpack, NPM, Bower, Gulp, Grunt, Browserify
 - Other: MVCs, AJAX, SCRUM, Agile Development, MS Office Suite.
- > Familiar with:
 - EmberJS, Knockout.js
 - SQL (MySQL, SQLite)
 - MongoDB, Django
 - PHP, C/C++
 - JUnit, Jasmine.js

EXPERIENCE

Software Engineer – Front End SoFi

Claymont, DE
Oct '17 - now

- > Daily stack includes React, Redux, Redux-Saga, ES6+, JEST, Docker, Node, SCSS.
- > Developing reusable, responsive and modular front-end components with React.
- > Improving accessibility and performance of front-end web applications.
- > Developing, understanding and implementing a pipeline for web application metrics collection and analysis.
- > Writing unit tests and improving overall test coverage.
- > Working with service teams to construct/develop data models and API's for tasks.
- > Working with UX/Product teams to discuss and implement designs for front-end applications.

Front End Engineer - Volunteer Y-Center

Philadelphia, PA
June '17 - Feb '18

- > Developed Y-Center's Web Platform using React, ES6, SASS, Webpack, and Node.
- > Reproduced designs and sketch prototypes into a functional single-page web-app.
- > Created a minimalistic UI and enhanced UX using Material and Flat Design.
- > Integrated 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.
- > Developed UI components (different content types the plugin supports, and the user can use) and many other features of Snowball. (Javascript, HTML5, CSS3, PHP).
- > Snowball was featured on the jQuery Blog and currently has over **8000 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

A system that visualizes Wikipedia data as graph nodes.

Philadelphia, PA
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.

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.