

BHAVYA SHAH

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Candidate for Bachelor of Software Engineering, University of Waterloo, Class of 2020

Skills

Languages C, C++, Java, JavaScript, PHP, Scala, HTML/CSS
Technologies Amazon S3, jQuery, PostgreSQL, React Native, Vue.js, Git, Vim, Salesforce, Sketch

Work Experience

- Jan - Apr 2017 **Software Engineering Intern, *TheRedPin.com*, Toronto, ON.**
- JavaScript, PHP, Salesforce, Vue.js, PostgreSQL, Google Maps API
 - Designed the property lookup page of the new web platform providing the ability to navigate by customized property cards, navigate by map, and save searches improving **user retention by 2%**.
 - Added support for multi-location search, and provided prioritized suggestions in response to query changes to the home page search dropdown.
 - Implemented caching strategy to **decrease search results load time by 1.5 seconds**.
 - Merged the SEO friendly property lookup page to create a single page application with updating URLs to allow users to bookmark searches resulting in a **better user experience**.
- May - Aug 2016 **Software Engineering Intern, *TheRedPin.com*, Toronto, ON.**
- React Native, Salesforce, AWS, JavaScript, Twilio
 - Modified and improved a cohort analysis model for tracking leads and assessing the effectiveness of marketing channels in Salesforce.
 - Led the development of a React Native mobile application designed for real estate agents, including its first and second release to the App Store.
 - Wrote several RESTful APIs to send notifications to an APNs server from Salesforce and to perform functions from the app such as SMS messaging for agents, using the Twilio API.
 - Created a Salesforce API to capture the contact information of external real estate agents sent via the app to HR, **extending the brokerage's resources and profit**.

Projects

- InstaHome
Android, Firebase
- A real estate Android application allowing users to retrieve property details by simply scanning a QR code. Can replace open house and for sale signs, and can be expanded to include virtual tours of the house (UofT Hacks 2017).
- Watch & Learn
JavaScript, jQuery, YouTube API
- A system for new English learners that allows them to learn through YouTube videos. Users can hover over any word and get the definition, translations, and various images of the word for a better understanding (Hack the North 2016).

Awards

- 2015 - 2016 Dean's Honours List (90% cumulative average)
2015 President Scholarship of Distinction
2015 Certification of Distinction: Canadian Computing Contest (130 of 1200)