Rishi Goel

Candidate for Bachelor of Applied Science, Systems Design Engineering, University of Waterloo (Class of 2019)

🌐 rishigoel.github.io

📱 905.220.1681

✉️ goelrishi12@gmail.com

in /rishigoel1

⊙ /rishigoel

Qualifications

Programming: Swift, Java, Obj-C, SQL, Angular, C#

Prototyping Tools: Sketch, Firebase, Invision, Photoshop

Design Principles: Lean UX, Iterative Design, Agile Development

Experience

Mobile Developer/Digital Consultant, Capco (May '16 - Aug. 16)

-Worked on the iOS and Android Caribbean mobile banking app for one of the big five banks in Canada
-Implemented UIGestureRecognizer and Core Animation on UITableView to simulate dropdown menus
-Developed private CocoaPods in order to seamlessly integrate custom projects into the app
-Consulted with the client on a daily basis in order to determine project requirements, features and UX

Solutions Prototype Developer, Manulife RED Lab (Sept. '15 - Dec. '15)

-Designed and developed 8 customer-oriented, high fidelity prototypes using Swift, Sketch, Ionic, Invision, Firebase, and Photoshop
-Conducted user interviews and created personas in order to fully understand the problem space
-Evaluated numerous design concepts via A/B Testing and usability testing

Developer, Protecode Inc. (Jan. '15 - Apr. '15)

-Developed a popular-projects program using C#, ASP.NET, and SQL which elevated the number of relevant projects in the database by 20%
-Rewrote the entire QA platform using Java and MySQL, thus increasing our QA efficiency by 300%
-Built a database search-and-count program for our sales team using Java and PostgreSQL

Projects

Vote the 6ix (Present): A Google Chrome extension that speeds up the NBA All-Star voting process for Twitter users

Problem statement: How might we automate voting Kyle Lowry and Demar Derozan into the All-Star game?
-Published a Chrome extension that allows users to vote for Kyle Lowry and Demar Derozan in 2 clicks
-Accounted for over 1000 votes from 300 users during 1 month of All-Star voting

2Pay (Jan. '16): A Swift iOS app that helps make mobile retail shopping a more pleasant experience

Problem statement: How can we simplify the mobile shopping experience?
-Developed an iOS prototype that scans your drivers license/credit card for shipping and billing information by using open source libraries
-Interviewed customers, invented a persona, and created low fidelity and high fidelity wireframes and mockups

OCeaR (Nov. '15): A Swift iOS app that aids the visually impaired when reading signs

Problem statement: How might someone who is visually impaired use technology to read signs
-Developed a mobile prototype in Swift that converts text to speech by using libraries such as TesseractOCR and AVFoundation