Katherine Carras
Designer & Engineering Student

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Experienced In...

Technologies
Sketch 3, Photoshop, Illustrator, Marvel App, Pixate, SolidWorks

Design Methods
Wireframing, User Testing, Illustration, Iconography, Motion & Animation Design, Pixel Pushing, UX Research, Interface & Experience Design

Software & Hardware
HTML, CSS, JavaScript, C++, Arduino

Education

University of Waterloo, Candidate for B.ASc for April 2018
Honours Systems Design Engineering

Noteable Courses

SYDE 162 – Human Factors in Design
SYDE 261 – Design, Systems, & Society
PSYCH 256 – Introduction to Cognitive Science
SYDE 192 – Digital Systems (Arduino)
SYDE 223 – Data Structures & Algorithms (C++)
SYDE 101L – Graphics (Solidworks)

Work Experience

Messenger Designer, Kik Interactive   *May to August 2015*
Lead designer on Kik Codes, a QR code-based feature for connecting with friends, groups, and brands on Kik. Designed the entire interface and experience of the feature for Android & iOS, including illustrations and iconography, using Sketch 3. Protoyped motion and animation design of the feature using Marvel App and Pixate. Conducted user testing and UX research. Designed the promotional website for users to enter for a chance to win personal Kik Code stickers.

Platform Designer, Kik Interactive   *September to December 2014*
Independently redesigned Kik Points, a digital rewards program in the Kik ecosystem. Created interface designs, illustrations and brand material using Sketch 3, as well as animated prototypes with Marvel App. Lead designer on the Kikmas campaign, which involved creating illustrations for "Kikmas Cards", brand & promotional material, and the design of a Kikmas Card generator application.

Business Analyst, Ford of Canada   *January to April 2014*
Designed, implemented, and managed new security protocols for confidential and secret internal information. Contributed to documentation regarding the company's internal legacy systems used to sell vehicles worldwide. Assisted in the interface redesign of this internal software.

Commercial Real Estate Analyst, RealNet Canada Inc.   *June to August 2012*
Performed database analysis and updates for the company's web service. Conducted market research in commercial property asset sales in the Greater Toronto Area for the quarterly report on commercial real estate in the region.

Market Analyst & Project Coordinator, Dorsay Development Inc.   *May to August 2012*
Represented the company as a liaison in marketing, architectural design, and project planning meetings pertaining to a condominium development project. Collaborated with senior colleagues in assessing potential real estate investment opportunities for the company.

New Homes Research Analyst, RealNet Canada Inc.   *June to August 2010*
Contributed to the design of a new interface for floor plan imagery and integrated visual data into the company's online database. Formatted floor plan images and other building renderings and entered them into the company database to be displayed on property information pages.

Projects

Kiwi the Koala Smiley Pack, Kik Interactive   *September 2015*
Designed and illustrated a set of twenty koalas with various expressions for the Smiley Shop. Users can redeem these smileys for Kik Points.

Beacons, Kik HackWeek   *August 2015*
Beacons is a digital capture the flag game that uses the Kik Code feature to scan codes and claim them as your "beacons". Designed the iconography and web application used to buy booster packs with Kik Points, all using Sketch 3.

Kik Points Arcade, Kik HackWeek   *December 2014*
Created a web application for the Kik platform using JavaScript, HTML, and CSS with two other coworkers to play classic arcade games for Kik Points. Contributed to the development of the app, designed the arcade home screen and icon using Sketch 3.

Tic Tac Toe, Final Project for Digital Circuits   *August 2014*
Created a tic tac toe game with two other students using an Arduino Uno micro controller. Primarily designed the hardware architecture and assisted with the software development of the project.