Naren **Kukreja**

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Education

University of Windsor *Windsor, ON*

B.Comm - Honours Business Administration and Computer Science, Double Major *Expected: Dec. 2016*

Skills

Programming   Java, C, Ruby, JavaScript, HTML/CSS, PHP, Android Development, Ruby on Rails, jQuery

Tools   IntelliJ IDEA, Android Studio, Eclipse, Xcode, MySQL, Git

Experience

Multicultural Council *Windsor, ON*

Web Developer Intern *Oct. 2015 - Mar. 2016*

- Developed the new Multicultural Council website and migrated existing website content from Drupal to the newly designed CMS website
- Continuously performed ongoing modification, implementation and utilized A/B testing techniques to ensure optimal perfomance of the website
- Designed and integrated a centralized MySQL database for the HR department to efficiently update and track employee information and reduced query load times by 35%
- Crafted an HTML email signature tool using HTML/CSS and PHP that allowed members of the staff to generate their personalized email signature

University of Windsor (Dr. Stephanos Mavromoustakos) *Windsor, ON*

Undergraduate Research Assistant *Jul. 2015 - Oct. 2015*

- Researched and performed literature review of CAPTCHA's present on the web and proposed prototypes that were easy to generate and evaluate
- Wrote various end to end tests using PHP to ensure accuracy of CAPTCHA prototypes by 95% and presented the results for development feedback

Parcelhop (www.parcelhop.ca) *Windsor, ON*

Co-founder *Oct. 2014 - Oct. 2015*

- Co-founded and launched an Uber like service that provided on demand evening parcel delivery service for Windsor residents and had 50+ users sign up for the service
- Created the website from ground up using Ruby on Rails and designed various interface pages using Bootstrap, JavaScript and custom CSS
- Migrated the final version on to a CMS website for easier maintainability and optimized landing page variants using A/B testing and market research

Personal Projects

Munch For Reddit - Java, XML, reddit API, YouTube Player API *Android Application*

GITHUB.COM/NARENKUKREJA/MUNCH-FOR-REDDIT

- Created an Android client for **reddit.com** and interacted with the reddit API to fetch and display content such as images, videos, web links and gifs
- Reduced networking load times by 50% with the use of Google's HTTP library (Volley) to consume the reddit API and parsed the relevant JSON data to be displayed throughout the application and designed the UI using Google's Material Design guidelines
- Integrated the mini YouTube player using the YouTube Player API that allowed users to view and share videos within the application

Pinit Boards - Ruby, Rails, Bootstrap, Amazon S3, JavaScript, jQuery *Rails Web Application*

GITHUB.COM/NARENKUKREJA/PINITBOARD

- Built a Pinterest clone using Ruby on Rails and developed a RESTful API for users to create and manage their pins
- Added the ability for pins to automatically cascade and adapt to browser window resizing using jQuery and added the option for users to cast votes
- Integrated Amazon S3 to store uploaded images using the paperclip library and deployed the web application to the Heroku cloud platform
- Live Demo - **pinitboards.herokuapp.com**

Polargram - Ruby, Rails, Bootstrap, SASS, JavaScript, jQuery *Rails Web Application*

GITHUB.COM/NARENKUKREJA/POLARGRAM

- Developed a Instagram clone using Ruby on Rails and added a full authentication system that allows users to signup/login, add/remove comments and upload Instagram style images to their feed
- Designed user-interface pages using Bootstrap, custom CSS and used JavaScript/jQuery for pagination of posts on the main feed
- Live Demo - **polargram.herokuapp.com**

MyXKCD - Java, XML, xkcd API, Volley *Android Application*

GITHUB.COM/NARENKUKREJA/MYXKCD

- Built an Android comic reader app for **xkcd.com** and utilized the Volley library to reduce networking load time requests by 50%
- Reduced memory footprint by 5-10% with the use of the Picasso image processing library to display images and gifs by utilizing the xkcd API
- Added various actions such as the ability share, download and explain comics from within the application to match the website experience

Extracurricular Activities

2015   **UWIN Tech Club**, Co-founder, Project Manager

2015   **FIRST Robotics**, Mentor, Volunteer

2014   **Hacking Health Hackathon (Windsor-Detroit)**, Participant, Volunteer