Ishan Mishra

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Education

University of Windsor	Windsor, ON, Canada
Computer Science & Software Engineering (Co-op)	
Major GPA 11/13	2014 - Present
University of Essex	Colchester, Essex, United Kingdom
Notable Modules: Evolutionary Programming, Intelligent Agents	
Major GPA Unknown	Jan 2017 - June 2017

Experience

University of Windsor　　　　　　　　　　　　Windsor, ON, Canada

General Tutor　　　　　　　　　　　　　　　　June 2017 - Present
- Held office hours in the Computer Science tutoring lab
- Assisted students with coursework and assignments for all Computer Science courses I've finished

University of Windsor　　　　　　　　　　　　Windsor, ON, Canada

Teaching Assistant　　　　　　　　　　　　　September 2017 - Present
- Held office hours and helped students with the Introduction to Java Programming class
- Graded assignments and lab exercises relative to the professor's rubrics

TRIUMF Canada's National Laboratory for Particle & Nuclear Physics　　Vancouver, BC, Canada

Web Application Developer　　　　　　　　　　May 2016 - August 2016
- Interfaced Drupal WebForm to Redmine Project Management System for incoming work requests
- Developed a web-based oscilloscope with AngularJS, ThreeJS, NodeJS and other JavaScript tools
- Reworked the oscilloscope application in raw WebGL for better performance capable of plotting half 500,000 points per second with no performance loss

International Data Systems　　　　　　　　　Toronto, ON, Canada

Graphic Designer & Web Developer　　　　　　June 2015 - August 2015
- Designed product catalogue for LED lighting products
- Performed front and back-end development for product website
- Performed miscellaneous graphic design and editing work

Technical Skills

- **Programming Languages** Java • C++ • C • Python • HTML/CSS • JavaScript • PHP • SQL • GLSL
- **Tools** ThreeJS • WebGL • Metasploit • AngularJS • Drupal CMS • Redmine • NodeJS • VueJS
- **Interests** Data Structures and Algorithms • Machine Learning • Web Development • Mobile Development

Projects

ColourJS　　　　　　　　　　　　　　　　　　Hack the North 2016
- Small JavaScript library that generates and manages colours according to user specifications
- Generating colors to transition from color A to B and so on
- Aimed to facilitate Javascript tools such as D3, Dygraph, WebGL, Three.JS, or GLSL shader colour choosing

QUESTR　　　　　　　　　　　　　　　　　　Personal Project
- Online marketplace to post or find jobs in the local area
- Built using LAMP archetypal model implementing Twilio API for text messaging services

Book Review Android App　　　　　　　　　　Hack Western II
- Android application to scan barcode on a book and fetch it's reviews from the internet
- Built using ZXing for barcode functionality, JSoup for HTML parsing, and OpenCV for reverse image searching on Google

Activities

- Active participation in hackathons and programming competitions
- Online presence on StackOverflow, and StackExchange Code Review
- Member of the University of Windsor Jack.org mental health awareness chapter
- Great interest in photography and filming, work can be found at 500px.com/ishyfishy