

Ishan Mishra

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Education

University of Windsor

Computer Science & Software Engineering (Co-op)
Major GPA 11/13

Windsor, ON, Canada

2014 - Present

University of Essex

Notable Modules: Evolutionary Programming, Intelligent Agents
Major GPA Unknown

Colchester, Essex, United Kingdom

Jan 2017 - June 2017

Experience

University of Windsor

General Tutor

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

Windsor, ON, Canada

June 2017 - Present

University of Windsor

Teaching Assistant

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

Windsor, ON, Canada

September 2017 - Present

TRIUMF Canada's National Laboratory for Particle & Nuclear Physics

Web Application Developer

- 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

Vancouver, BC, Canada

May 2016 - August 2016

International Data Systems

Graphic Designer & Web Developer

- Designed product catalogue for LED lighting products
- Performed front and back-end development for product website
- Performed miscellaneous graphic design and editing work

Toronto, ON, Canada

June 2015 - August 2015

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

- 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

Hack the North 2016

QUESTR

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

Personal Project

Book Review Android App

- 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

Hack Western II

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/iishyfishyy