Gary Ng

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Education

Masters of Science
Industrial Design
KAIST

2015 - Present
Daejeon, South Korea

Korean Language
Keimyung University

2014 - 2015
Daegu, South Korea

Bachelors of Information Technology (Honours)
Game Development & Entrepreneurship
University of Ontario Institute of Technology

2010 - 2014
Oshawa, Ontario

Work Experience

Graduate Research Assistant
KAIST

2015 - Present
Daejeon, South Korea

Designed and developed virtual and augmented reality systems using Unity for devices such as the HoloLens, Oculus Rift, and Project Tango tablets.

Tools and Systems Programmer
Digital Leisure

2014
Aurora, Ontario

Developed game tools and plugins for Maya and Unity to streamline the development of 3D models and animations for the Four Kings Casino and Slots game. Also created web reports to improve project management.

Undergraduate Research Assistant
University of Ontario Institute of Technology

2012 - 2014
Oshawa, Ontario

Collaborated with surgeons at the SickKids Research Institute on the design of multiple medical simulations used to research the effectiveness of games as an education and research platform.

Teaching Assistant
University of Ontario Institute of Technology

2013 - 2014
Oshawa, Ontario

Conducted reviews for first, second, and third year students in the Game Development Workshop to guide students as they worked on their projects throughout the year.

International Research Assistant
Freie Universität Berlin

Summer 2013
Berlin, Germany

Developed and debugged a Java-based research system to identify key factors to analyze the effectiveness of the Esper event processing engine. Also obtained and visualized Twitter data in an interactive web application.

Software Developer (Intern)
BeaconWall

Summer 2012
Hong Kong

Took over the existing code base for MaXit Systems and led the development of a network and mobile module for the MFC desktop client. Also demonstrated the product to the client to obtain usability feedback.

Peer Tutor
University of Ontario Institute of Technology

2011 - 2014
Oshawa, Ontario

Provided one-on-one tutoring services to nearly 100 students in university level math and programming courses while mentoring new peer tutors by providing guidance to facilitate their development as tutors.

Languages

English
Cantonese
Korean (TOPIK 5)

C++
C#
Java
Processing
HTML
CSS
JavaScript
PHP
SQL
Python
ActionScript 3.0

Technology

Android
Arduino
Web
Windows

Adobe Flash
Adobe Illustrator
Adobe Photoshop
Adobe Premiere Pro
Autodesk Maya
Git
Unity
Microsoft Office
Microsoft Visual Studio

HoloLens
Oculus Rift
Project Tango

Interests

Video Games
Game Design
System Design
Interaction Design
User Experience
Augmented Reality
Virtual Reality
Travelling