

# KYONGIL YOON

## INTERESTS

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- Online Mathematics Education
- Learning Management System
- Mathematics/Geometry in Art
- Computer Vision (Human Recognition and Tracking in Video Surveillance)
- Video Processing and Content Analysis
- Augmented Reality

## EXPERIENCE

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- Aug. 2006–Present Notre Dame of Maryland University, Baltimore, MD  
*Associate Professor at Computer Studies Department*
- Aug. 2017–Present Bowie State University, Bowie, MD  
*Adjunct Professort at Computer Science Department*
- Summer 2018 Ewha Womans University, Seoul, Korea  
*Instructor at International Summer College,*
- Aug. 2014-Dec. 2014 Nemustech Co., Korea  
*Visiting Researcher with the support by Brain Pool Scouting program of NIPA  
Developed StarTrek (Meta Information Extract System from Video)*
- 2009-Present Cafalab Inc., MD  
*Co-Founder*
- Aug. 2005–Jun. 2006 McDaniel College, Westminster, MD  
*Visiting Assistant Professor at Computer Science Department*
- Jan. 2001–Aug. 2005 University of Maryland, College Park, MD  
*Research Assistant at Computer Vision Lab.*
- Jun. 1998–Jan. 2001 University of Maryland, College Park, MD  
*Research Assistant at Language and Media Processing Lab., CfAR.*
- Sep. 1996–May. 1998 University of Maryland, College Park, MD  
*Teaching Assistant at Computer Science Department.*
- Mar. 1992–Jun. 1996 Samsung Electronics, Co., Ltd., Kiheung, Korea  
*Senior Research in Multimedia Group*
- Feb. 1990–Feb. 1992 Samsung Advanced Institute of Technology, Kiheung, Korea  
*Research in Multimedia Group*

## EDUCATION

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- 1997–2005 University of Maryland at College Park College Park, MD  
*Ph.D. in Computer Science*  
Thesis title: *Key-frame Appearance Analysis for Video Surveillance*
- 1988–1990 Seoul National University Seoul, Korea  
*M.S. in Computer Science*
- 1984–1988 Seoul National University Seoul, Korea  
*B.S. in Computer Science and Statistics*

## TEACHING & COMPUTER SKILLS

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- Courses taught
  - Programming Languages and Concepts
    - C++ (Basic, Advanced)
    - Visual Basic
    - Python
    - Java
  - Fundamentals of Information System
  - Web Page Design (HTML, CSS, JavaScript)
  - Web Animation (Adobe Flash, HTML5 Canvas and JavaScript)
  - Data Structures/Algorithms
  - Database Concepts
  - Data Tools
  - Data Visualization
  - Telecommunication and Networking
  - Software Engineering
- Operating Systems and Computer Languages
  - C, C++, Java, Python, R, ASP, JavaScript, Visual Basic, Php
  - Unix, Linux, Windows, Amazon AWS
  - DBMS: MySQL, SqlServer, MS Access