

## Yong Jae (Patrick) Kwon

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Mobile: +82-10-6337-6283

### Education

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**High School: Bugil Academy—Global Leadership Program (2012 – 2014)**

**GPA (Cumulative GPA): 4.09**

**College: University of Virginia—College of Arts and Science (2015~2017)**

**Major: Statistics—Econometrics & Computer Science  
(with Distinction)**

**Cumulative GPA: 3.82 (97.6/100)**

### Honors & Awards

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**UVA Dean's List (2015 Fall, 2016 Spring, 2016 Fall, 2017 Spring)**

**UVA Order of the Orange Stole (2017)**

**Academic Honors Award (2012)**

**SAGE Korea (2013)**

**GLP Dorm Student of the Year (2014)**

**AMC (2014): Certificate of Distinction**

**Academic Honors Award (2014)**

**Korea University Academic Excellence Award (2016)**

### Leadership Experience

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**Scientia—Club President (2013~2014)**

**Dorm President (2013~2014)**

**Database Project Leader (2017)**

### Work Experience

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**Translation Volunteering (May 2015~Aug 2015)**

Worked as a “Mate”, a volunteer who connects children of the Third world (Africa, Asia) and their Korean funders through mail translation.

**Research Assistant in the Korea University's Research Institute of Korean Studies (May 2016~June 2016)**

Worked at the Korea University RIKS (Research Institute of Korean Studies), focusing mainly on Excel operations and assisting the preparation of Asian Studies Conferences.

**Computer Science Teaching Assistant at University of Virginia (Aug 2016~Dec 2016)**

Worked as a TA for the class CS 2102(Discrete Mathematics), focusing on assisting students on the coursework and grading tests.

**Computer Science Research Assistant at University of Virginia (Aug 2016~Dec 2016)**

Contributed on a project using Tensorflow.

**Bluehole Studio--Intern (Jun 2017~ Aug 2017)**

Worked in Bluehole Studio as a Data Analyst Intern. Contributed in developing Business Intelligence tools, user analysis of Tera Online, and identifying in-game hackers of Tera Online.

**Bluehole Studio—Data Analyst (Sep 2017~Current)**

Accepted as a formal employee of Bluehole starting from September. Provided data-centered insight on game development by developing web scraping, opinion mining programs and game play pattern analysis tools. Enhanced the capability of former in-game hacker analysis tools by introducing machine learning. Taught Python & R programming to other employees in Bluehole Studio. Contributed to upgrading Business Intelligence tools.

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### **Extra-curricular Activities**

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#### **Scientia—Club President (2012~2014)**

Cooperated with the Academic Committee to offer math & science tutoring services, helped students prepare for math competitions, and hosted the annual Pi Day Festival.

#### **App Club—Club Vice President (2014)**

Taught club members about computer programming, and developed an app for foreign faculty members.

#### **Student Game Developers—Member (2016)**

Participated in android application development projects, “Slingshot” and “Wilderness”.

#### **App Development Club—Member (2016-2017)**

Participated in several app development projects.

### **Projects**

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#### **Hazzul—Developer (2016~2017)**

Developed Hazzul (<http://www.hazzul.com/>), a website that displays humorous pictures. Mostly contributed on website design and organization, using HTML and CSS.

#### **JRPG Analysis—Researcher (2016~2017)**

Used Python to analyze the sales trends of Japanese Role Playing Games.

#### **Football Database—Developer & Team Leader (2016~2017)**

Developed Football Database (<http://plato.cs.virginia.edu/~yk7da/ajax/>), a website that contains information of different football players. Used MySQL, JavaScript, HTML, CSS.

#### **Football Fury—Developer (2016~2017)**

Developed Football Fury, an Android-based, Angry-bird style game. Used Android Studio, Java, SQL.

#### **Wilderness—Programmer (2016)**

Developed Wilderness, a text-based adventure game. Used Python.

#### **Slingshot Sam—Developer (2015)**

Developed Slingshot Sam, an Android-based game. Used Android Studio.

### **Skills**

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#### **Computer skills**

Proficient in Microsoft Word, PowerPoint, Excel, R Studio, MySQL, Tensorflow, Java, Python, C++, C#, Android Studio, Xcode.

#### **Language**

Bilingual: Fluent in Korean and English

#### **Non-technical skills**

Detail-Oriented.  
Time management under pressure.  
High level of determination.