

# Sunggyun Kim

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## About

I am an entrepreneurial, full stack web developer and data scientist who enjoys analyzing and engineering complex systems in the endless pursuit of an efficient, innovative and elegant solution.

## Education

**General Assembly:** Washington, DC 2015  
Data Science Course

**General Assembly:** Washington, DC 2015  
Web Development Immersive

**University of Richmond:** Richmond, VA 2013  
**BA:** Interdisciplinary Major  
(Psychology, Economics, Philosophy)  
**Minor:** French

**Université de Paris 8 St. Denis:** Paris, France 2012

**Yonsei University:** Seoul, South Korea 2011

**Université de Paris 4 La Sorbonne:** Paris, France 2010

## Technical Skills

### **Languages:**

Ruby, SQL, JavaScript, Python

### **Testing Frameworks:**

Jasmine, RSpec, Factory Girl, Capybara, QUnit

### **Development Frameworks:**

Rails, Bootstrap, EmberJS, Sinatra, Flask

### **Databases:**

MongoDB, PostgreSQL, MySQL, Redis

### **Web:**

HTML, CSS, SASS, Ajax, jQuery, Node, D3

### **Data Science:**

PANDAS, NumPy, SciPy, Scikit-Learn, NLTK

## Professional Experience

**Software Engineer, Booz Allen Hamilton,** Washington DC

**Jun 2015 - Present**

I design, build and upgrade web applications for internal and external projects with a variety of back and front-end technologies to meet client needs and exceed their expectations.

- External REST APIs with Token Authentication
- Mailers and File Upload/Download to and from Amazon Web Services S3
- Elasticsearch Nodes on AWS Linux EC2 and configure ActiveRecord to it.
- Advocate for and utilize test driven development and object orientated design principles

I have built and/or worked with advanced applied data science features such as:

- Elastic Search
- Recommendation Engines: Content and Collaborative Based Filtering
- Natural Language Processing: Tokenization, Sentiment Analysis, Naïve Bayes Classifiers
- Advanced Algorithm Building and Tuning for Categorical and Regression Models

**Regional Sales Planner / Market Programmer, Living Social,** Washington DC

**Apr 2014 - Nov 2014**

I pulled internal business data from SQL databases to analyze and present key business metrics to upper management. From these reports, I worked with regional sales directors and their sales teams to improve our conversion rate, target high value merchants and design data backed deal structures.

**Business Development Associate, Vocus,** Beltsville, MD

**Jan 2014 - April 2014**

I spoke with CEOs, CMOs, CTOs and marketing directors to advise and educate them about effective digital marketing strategies and trends such as SEO optimization, marketing automation, social media, inbound, content and mobile marketing.

**Residential Clinician / Research Liaison, Wediko Children's Services,** Windsor, NH

**Jun 2013 - Aug 2013**

I was trained in and administered with my team of 10 clinicians, therapeutic techniques such as cognitive behavioral intervention, positive behavior support, and crisis intervention. I also help quantify behavioral inventories, administered two peer relationship tests and both modeled and managed a token economy designed to incentivize pro social behavior.

## Leadership

**President, Archery Club,** Richmond, VA **2011 - 2013**

I successfully authored an equipment grant from Easton for \$8,000 worth of equipment, secured an indoor practice range and obtained sports club status and funding

## Languages

**Korean:** Native

**English:** Native

**French:** Proficient

**Japanese:** Conversational