

Sunggyun Kim

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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, JavaScript, Python

Testing Frameworks:

Jasmine, RSpec, Factory Girl, Capybara, QUnit, Minitest

Development Frameworks:

Rails, EmberJS, Sinatra

Databases:

MongoDB, PostgreSQL, MySQL, Redis

Web:

HTML, CSS, SASS, jQuery, Bootstrap, Foundation

Data Science:

PANDAS, NumPy, SciPy, Scikit-Learn, NLTK

Professional Experience

Software Engineer, Booz Allen Hamilton, Washington DC

Jun 2015 - Present

I design, build and refactor a Booz Allen Hamilton Product called Sailfish Exchange. Sailfish Exchange is a SaaS designed to democratize data science by creating an intuitive data management user interface that leverages social aspects to improve data collection and quality. It is a Rails app with an Ember front-end.

- External REST APIs with Token Authentication
- Mailers and File Upload/Download to and from Amazon Web Services S3
- Elasticsearch Nodes on AWS Linux EC2 configured to ActiveRecord
- Advocate for and utilize test driven development and object orientated design principles
- Recommendation Engines: Content and Collaborative Based Filtering
- Natural Language Processing: Tokenization, Sentiment Analysis

Part-time Instructor, General Assembly, Washington DC

June 2015 - Present

Drawing upon my clinical work in cognitive behavioral therapy and positive behavioral support, I create coursework and teach adult learners with various backgrounds the fundamentals of programming. I break down abstract concepts into concrete real world examples while adapting my teaching style and content to best meet the needs of my students.

Courses I have taught:

- Intro to Python
- Intermediate Python
- Programming for Non-Programmers via Ruby
- Object Orientated Python

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

Summer 2012 & 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, designed and managed a token economy designed to incentivize pro social behavior.