**Employer Ready**

Create Professional Materials

1. Resume

**Serge Guilao**

New York, NY 10026

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LinkedIn: www.linkedin.com/in/serge-guilao-258706a2 | GitHub: <https://github.com/Guilaogui/GSS>

**SUMMWRY**

Full Stack Python Web Developer with a background in Mathematics and Finance and a life-long dedication to learning. Effective at Combining Creativity and Problem Solving, and Known for Paying attention to Details no Matter how Complex is The Project.

**EDUCATION**

**Columbia university bootcamp, New York NY** October 2019

Certificate in data analysis/ data science

A 24-weeks intensive program focused on gaining technical programming skills in excel, VBA, python, r, JavaScript, sql database, big data, tableau, and machine learning.

**Stevens Institute Of Technology, Hoboken New Jersey** GPA: 3.234/4, May 2014

Master of Science in Financial Engineering 30 Credits completed

**Lehman College, CUNY** GPA: 3.646/4, September 2009

BA Mathematics and Economics 185 Credits Completed

**EXPERIENCE**

**AB WESLEY, LLC** October/2010 – May/2013

Part Time Entry Level Associate New York, NY

* Performed data manipulation, transformation, and cleansing
* Imported and exported data from text files, saved queries, or databases
* Compile and generate spreadsheets capturing key data
* Created pivot tables and charts using worksheets data and external resources
* Designed, recorded, and executed macros to automate data entry input
* Formatted spreadsheets and workbooks for print, document reproduction, and presentations

**PROJECTS**

* **Time-Varying Portfolio Optimization Project**, Special Problems in FE 800 Spring 2014

Study continuous-time and dynamic approaches to multi-period portfolio optimization, leading to a synthesis of existing literature on the topics. Perform dynamic programming in R or MATLAB.

* **IB Arbitrage Project,** Pricing and Hedging Spring 2012

Applied different trading strategies for arbitrage trades (each with 2 legs at least) entered through the Student Interactive Brokers Account, using different market instruments, R and Java.

**SKILLS**

* Excel Expert with success organizing data, including dictionaries, and indexes
* Skilled in VLOOKUP, and HLOOKUP formula development
* Pivot Table generation, and Pivot reporting
* Proficient in Python, JavaScript, R, MATLAB, Microsoft Office
* Pricing of options using binomial tree models, Black-Sholes Model, and arbitrage theorems
* Building a Yield Curve using Libor Cash Rates, 3M Euro Dollar Futures and Swap Rates
* Creating a Mixture of Gaussian in Excel using Random Variable or Density Approach
* Creating a Distribution with high Kurtosis, to a Skew Normal Distribution, or Autocorrelations
* Bilingual/ Bicultural (English and French)

1. LinkedIn Profile: is up to date, here’s the link

www.linkedin.com/in/serge-guilao-258706a2

Polish Your Portfolio & GitHub

1. Portfolio

The Portfolio is NOT ready yet due to the class scheduling, work in progress

1. GitHub: here’s my link:

[GitHub](https://github.com/Guilaogui/BootCamp_SG)

Build Your Visibility

1. Attending Bootcamp Virtual Events:

I’ve attending One so far and Two are scheduled in the near future

1. Connect LinkedIn to Employees:

I’m currently connected with 78 employees, here’s my LinkedIn link: [LinkedIn](http://www.linkedin.com/in/serge-guilao-258706a2)

1. Follow Desired Companies on Social Media:

I’m following these following companies: Google, Uber Inc., Montefiore, BASF Chemical, Goldman Sack,

Prepare for a Successful Interview

1. Attend the Behavioral Interview Session: in progress
2. Attend the Technical Interview Session: in progress

Apply to Jobs

1. In progress