Brandt Winkler Prins

+1 415 425 3443 | brandt@brandtwp.me | Personal Website | LinkedIn Profile

EXPERIENCE

Secfi — Part-Time Data Scientist

October 2021 - Present

Assessed large-scale trends in start-up equity. Analyzed numerous S-1 Statements. Analyzed trends in Secfi's user base for business insights.

Secfi — Data Scientist Intern

April 2021 - October 2021

Analyzed user behavior to identify customer success improvement strategies. Streamlined data collection practices. Formulated business recommendations based on data analyses.

4me — Part-Time Developer

2019 - 2020

Worked to develop a Slack ChatBot using Node.JS, AWS Lex, and Stanford's CoreNLP

4me — QA Tester

2018

Performed manual quality assurance of new features included in each weekly release of the 4me enterprise SaaS solution

EDUCATION

University College London

BSc Statistics, Economics, and Finance

September 2020 - June 2023

A multidisciplinary program that provides a strong foundation in modern quantitative techniques useful for a career in finance

Redwood High School

August 2017 - June 2020

4.3 GPA • 1510 / 1600 SAT • 800 / 800 SAT Math 2 • 760 SAT Physics • Distinguished AP Scholar

SOFT SKILLS

Leadership

Founded and managed the school's Quantitative Finance club

Teamwork

Experienced in working collaboratively on development projects, remote as well as onsite

Problem Solving

Enjoys complex problems with challenging deadlines

TECHNICAL SKILLS

Programming Languages

Python • R • HTML • CSS • Javascript • Node.js • Go • C++ • OCaml

Libraries & Services

Datascience: Spark, Kafka, Pandas

ML: Tensorflow, SciKit Learn, Keras, CoreNLP

Web Design: Express.JS, Jquery

AWS: EC2, Elastic Beanstalk, Lambda, Aurora, Lex

Databases

MySQL • SQL Server • SQLite • PostgreSQL • MongoDB • Gremlin • HBase

CERTIFICATIONS

FINRA

Securities Industry Essentials

PROJECTS

Automated Trading Strategies

With the advent of commission-free trading APIs, I have finally had the opportunity to test out some technical-analysis-based trading strategies using some of my savings in real life. I currently run a small multi-strategy long/short equities portfolio and am hoping to expand into defi soon.

Financial Data Collection & Backtesting

I have found that there is no great open-source backtesting software that handles portfolio optimization well. I, therefore, had to go out and write my own which has built-in quadratic optimization functionality to ensure fast and flexible portfolio optimization. I have integrated it with a number of data APIs and even some of my own web-scrapers

LANGUAGES

English – *Fluent*

Dutch – *Fluent*

French – *Basic Competency*