

JAMES KETTLE

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Education

Dual Bachelor of Arts Degree Program

Columbia University, New York, NY

Bachelor of Arts in Information Science (Computer Science & Psychology) GPA: 3.7

September 2018 - May 2023

Relevant coursework: Advanced Programming, Artificial Intelligence, Advanced User Interface Design, Data Structures and Algorithms, Computational Linear Algebra, Social Networks, Calculus-based Statistics and Probability, and Micro Economics, Computer Music.

Sciences Po, Paris, France

Bachelor of Arts in Economics and Sociology

September 2018 - May 2020

Relevant coursework: Micro Economics, Macro Economics, Statistics, Public Policy Evaluation, Economics of Globalisation, Econometrics, Calculus I - III.

Professional Experience

BlackRock - Summer Analyst

New York, United States

May 2022 - August 2022

- Used NLP to analyse 20,000 Jira tickets to assess BlackRock's model risk in regard to portfolios and securities. I discovered systemic issues with inflation curve models and data organisation and storage.
- Employed Python to automate risk management processes to reduce time spent organising risk models from 2 weeks to 15 minutes.
- Assisted in the mathematical validation of financial models throughout the summer.

Plural Strategy Consulting - Summer Analyst

New York, United States

May 2021 - August 2021

- Worked as part of project team of 5 analysts on consulting engagements using Excel and Python for data analysis.
- Contributed to Plural's business development and marketing activities by composing research papers and think-pieces.
- Attended client meetings and presentations in New York and at other sites virtually.

Precision Global Capital Management - Hedge Fund Research Analyst

New York, United States

May 2020 - March 2021

- Constructed the firm's website, pitch-book, and other marketing materials to increase investment and client base.
- Conducted trades & swaps on Asian and US equities to improve the overall P/L of the fund.
- Assisted in client communication through direct meetings and client phone calls.

Impact Jeunes - Operations Intern

Marseille, France

May 2019 - July 2019

- Organised scheduling, copy editing, and company outreach for a conference of 200 French and English firms.
- Communicated between international corporations and job placement programs in French and English.
- Created a five week English curriculum designed for 20 underprivileged students to help them obtain English speaking roles in French companies.

Projects

Letting Go - Mediation Website

Product Manager & Engineer

May - 2022

- Managed a group of 5 Columbia students to make a website to teach people mediation for the final project of User Interface Design.
- Programmed frontend interfaces and backend processes with Python, Java Script, and jQuery.
- Received highest possible score on the project and in the class.

Jester AI - Email Creator

Engineer

December - 2022

- Worked in a group of two to develop an email writing tool utilising the GPT-3 API based in React and Node.js.
- Utilised Figma and conducted 10 user interviews to develop a MVP in 2 weeks.
- Programmed frontend interfaces and backend processes with React, Node.js.

Skills

Languages: French (Fluent)

Programming: Java, Java Script, HTML, CSS, jQuery, Python, Flask, Figma, C, Node.js, React, Prompt Engineering, GPT-4.