

Victoria Michalska

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Education

Williams College

BS IN COMPUTER SCIENCE AND BA IN ART HISTORY & PRACTICE
GPA: 3.4

Williamstown, MA
September 2018 – June 2022

Experience

Adaptive Financial Consulting

JAVA DEVELOPER

New York, NY

February 2023 – Present

- Implemented and optimized backend components for high-performance trading algorithms in the Front Office financial systems, specializing in E-Trading and FIX protocols
- Participated in cross-functional design reviews to select optimal technologies for project implementation.
- Reviewed team code, providing feedback for adherence to best practices and maintaining quality standards.
- Collaborated on implementing an Aeron cluster, enhancing connectivity between legacy systems for a capital markets client.

IAC Fellow at Care.com

DATA SCIENCE IN MARKETING INTERN

New York, NY

June 2021 – August 2021

- Used Airtable's API to create scripts in Java to organize Care.com's Iterable campaigns
- Analyzed trends in audience retention for Care.com's email marketing strategies using Amplitude
- Planned and organized A/B tests for marketing campaigns in Jira

Article22

FRONT-END WEB DEVELOPMENT AND WHOLESALE MARKETING INTERN

Brooklyn, NY

July 2019 – August 2019

- Created and maintained Shopify blog
- Constructed automated mailing system in Klaviyo
- Designed advertisements for campaigns and products using Photoshop.
- Analyzed and executed the production of campaign materials
- Assessed the success of media campaigns through marketing analytics

Skills

Programming Languages: Java, Python, C, HTML/CSS, Scala

Visual Editing Software: Adobe Photoshop, Procreate, Sketch

Formal Language Training: English, Polish, Latin

Projects

Tit-for-tat's Lack of Robustness Against Strategic Clients (Again) - May 2022

Python

EMPIRICAL STUDY RELYING ON A THEORETICAL APPROACH TOWARDS DEMONSTRATING TIT-FOR-TAT'S LACK OF ROBUSTNESS AGAINST STRATEGIC CLIENTS— SIMPLY, HIGHLIGHTING THE DIFFERENCES BETWEEN FAIRTORRENT AND BITTORRENT.

New York City's Real Estate & the Strength of a Name - May 2022

Python, Pandas

EMPIRICAL STUDY FOCUSING ON THE CAUSAL ANALYSIS OF THE RELATIONSHIP BETWEEN PROPERTY SALE PRICES AND THE LOCATION OF A PROPERTY, ACCOUNTING FOR THE MAJORITY OF THE ADVANTAGES RELATING TO A GIVEN BOROUGH, QUANTIFYING THE VALUE OF A BOROUGH.

Freelance Graphic Design

CREATING LOGOS AND GRAPHICS FOR SMALL BUSINESSES AND SPORTS TEAMS.

Adobe Photoshop, Illustrator

Freelance Web Development

DESIGNING AND EXECUTING WEBSITES FOR BUSINESSES AND PERSONAL BLOGS.

Jekyll for Ruby, HTML/CSS, Liquid

Williams Record Op-Ed Writer

WRITING OP-EDS FOR THE COLLEGE PAPER REGARDING CAMPUS LIFE.