

# Victoria Michalska

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## Education

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### Williams College

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

Williamstown, MA  
September 2018 – June 2022

## Experience

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### Adaptive Financial Consulting

JUNIOR DEVELOPER

New York, NY  
February 2023 – Present

- Implemented clean and maintainable code following design patterns and coding standards.
- Developed proficiency in using Aeron, an open-source messaging system based on OSI Layer 4 (Transport) Services, to facilitate efficient communication between distributed components.
- Gained expertise in working with Adaptive's proprietary software, Hydra, which is built on top of Aeron and tailored for high-frequency financial trading platforms.

### 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

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

**Visual Editing Software:** Adobe Photoshop, Procreate, Sketch

**Formal Language Training:** English, Polish, Latin

## Projects

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### 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

Adobe Photoshop, Illustrator

CREATING LOGOS AND GRAPHICS FOR SMALL BUSINESSES AND SPORTS TEAMS.

### Freelance Web Development

Jekyll for Ruby, HTML/CSS, Liquid

DESIGNING AND EXECUTING WEBSITES FOR BUSINESSES AND PERSONAL BLOGS.

### Williams Record Op-Ed Writer

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