Victoria **Michalska**

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Education

Williams College   *Williamstown, MA*
BA IN COMPUTER SCIENCE AND IN ART HISTORY & PRACTICE   *September 2018 – June 2022*
GPA: 3.4

Experience

IAC Fellow at Care.com   *New York, NY*
DATA SCIENCE IN MARKETING INTERN   *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   *Brooklyn, NY*
FRONT-END WEB DEVELOPMENT AND WHOLESALE MARKETING INTERN   *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 Web Development   *Jekyll for Ruby, HTML/CSS, Liquid*
DESIGNING AND EXECUTING WEBSITES FOR BUSINESSES AND PERSONAL BLOGS.

Freelance Graphic Design   *Adobe Photoshop, Illustrator*
CREATING LOGOS AND GRAPHICS FOR SMALL BUSINESSES AND SPORTS TEAMS.

Relevant Cousework

CSCI 361: Theory of Computation, This course introduced a formal framework for investigating
both the computability and complexity of problems, studying several models of computation
including finite automata, regular languages, context-free grammars, and Turing machines.
CSCI 379: Causal Inference, Core topics in causal inference are covered including causal graphical
models, unsupervised learning of the structure of these models, expression of causal quantities as
functions of observed data, and robust/efficient estimation of these quantities using statistical and
machine learning methods.