

# Fernando Perez-Hickman

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## EDUCATION

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### Columbia University in the City of New York

Expected May 2022

*B.A. in Economics; Concentration in Computer Science*

**GPA:** 3.87 **Test Scores:** ACT 35, SAT Math II 800

**Honors:** Columbia John Jay Scholar (<1% of CU applicants), Dean's List, National Hispanic Scholar, AP Scholar with Distinction

**Relevant Coursework:** Adv. Programming in C, Computer Science Theory, Data Structures in Java, Linear Algebra, Econometrics

## PROFESSIONAL EXPERIENCE

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### Public Consulting Group, Corporate Technology Intern, *Boston, Massachusetts*

June – August 2021

- Elected Project Lead for Capstone Project by peers, delegated responsibilities to team of 8, led market research, collected and analyzed operational and financial metrics, and presented project to C-suite — voted “Best Project for Implementation” by CEO
- Identified savings of \$800K from missing company devices through analytics of the Financial Management System using Excel
- Researched AI & Machine Learning adaptations to increase the efficiency of PCG's business process management
- Presented digital transformation project pitch to Head of Data & Intelligence, laying the groundwork for future implementation

### Diego Portales University, Researcher, *Santiago, Chile*

June – August 2020

- Awarded Columbia Undergraduate Scholars grant to collaborate with Dr. Teresa Correa Raymond on research regarding non-Western forms of political, medical, and social misinformation, with special focus on Latin America, Africa, and Asia
- Compiled and synthesized data on misinformation from 70+ academic publications for the creation of a database tracking trends of misinformation for policymakers

### Iceberg Solutions, IT Consulting Intern, *Buenos Aires, Argentina*

June – August 2020

- Used Python to build web crawlers for data extraction, unlocking potential revenue gains of \$50M+ by increasing RFP acquisition
- Supported Lead Engineers throughout application concept design, quality assurance, deployment and maintenance leading to improved security infrastructure for a regional bank

## LEADERSHIP & DEVELOPMENT

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### Columbia Undergraduate Scholars Program, John Jay Scholar, *New York, NY*

August 2018 – Present

- Spearheaded modification to the Scholars Program and developed mentoring initiatives, impacting 100+ scholars annually
- Mentored 6 incoming Scholars through bi-weekly check-ins by advising them on their academic journeys
- Participated in leadership seminars, programmed lectures, and Distinguished Speaker Series

### Columbia Bartending Agency, Bartender, *New York, NY*

October 2018 – Present

- Selected from 120 peers, memorized over 150 recipes, and scored in the top 5% of the mixology exam
- Staffed 40+ events, serving a diverse and growing client base of 1500+

### Columbia Department of Economics, Research Assistant, *New York, NY*

January – June 2021

- Conducted Sustainable Development research on Machine Learning approaches for data extraction from satellite imagery
- Performed statistical analyses on datasets with ~750k entries using R and STATA to collect validation data for ML algorithms
- Presented findings to assist the establishment of a first-of-its-kind worldwide database tracking potentially harmful algal blooms

### Columbia Social Entrepreneurship Group, Consultant, *New York, NY*

January – May 2021

- Worked directly with CEO of workforce development product to develop the US go-to-market strategy by conducting user research and ideating strategies for gamification and revenue generation
- Coordinated and presided over weekly meetings with Project Lead to facilitate communication and ensure collaboration

### Radical Innovation for Social Change, Volunteer Corps, *Chicago, IL*

January – May 2021

- Proofread and edited 200 pages of a data science textbook designed for high schoolers, ensuring accuracy, quality, and clarity

## SKILLS & INTERESTS

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**Technical:** Java, Python, R, STATA, C/C++, HTML, CSS, Git/GitHub, Unix, Microsoft Office

**Languages:** Spanish (native), English (native)

**Interests:** Mixology, Radio hosting, Film photography, Arts and Nonprofit administration, Impressionist art, Buddhism, TEDx, Piano