

Hannah Portes

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EDUCATION

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- Columbia University** New York, NY
Master of Science, Computer Science Expected Dec 2023
- Relevant Coursework: Neural Networks & Deep Learning, Natural Language Processing, Artificial Intelligence, Databases
- Cornell University** Ithaca, NY
Bachelor of Science, Information Science, Minor in English May 2020
- Relevant Coursework: Statistics, Python, Data Science, Information Ethics, Internet Law, Networks (CS2850), Networks II: Market Design (CS4852), Human-Computer Interaction Design

PROFESSIONAL EXPERIENCE

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- The Depository Trust and Clearing Corporation (DTCC)** Boston, MA
Senior Software Analyst, Internal Trade Processing Jul 2020 - Aug 2022
- Worked as full-stack developer on a team that maintains the industry's largest online database for the maintenance and communication of account and standing settlement instructions used by investment managers, broker dealers, and custodian banks.
 - Acted as lead UI resource to implement changes and improvements for the web application (HTML/CSS/TypeScript/Backbone.js).
 - Remediated vulnerabilities identified by annual penetration testing to reduce risk to the application and organization (Java).
 - Executed company-wide initiative to improve code coverage of legacy and novel Java code over the course of 2021
- Cornell University** Ithaca, NY
Python Tutor, Computer Science Department Jan 2019 - May 2020
- Assist students who request extra help in Intro to Python course (8 hours/week)
- Commerzbank AG** New York, NY
Intern, Client Verification Team Jun - Aug 2019
- Crafted and delivered new employee and analyst refresher training under senior supervision
 - Developed and modified existing systems to improve pipeline management
 - Refined and implemented a system to gather information and generated statistics on data quality
 - Created a layout and system to produce weekly and daily reports on individual and team productivity
- Commerzbank AG** New York, NY
Intern, Corporate Finance Jun 2018 - Aug 2018
- Researched the energy sector and compiled reports on prospective clients for the director of the Energy Team
 - Assisted with credit summaries and client presentation materials for current and prospective clients for use in meetings and efficiency evaluations
 - Worked as an analyst with the Client Verification Team on client onboarding
 - Conducted strategy meetings to efficiently reduce workload

SKILLS

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- **Technical:** Python, Tensorflow/Keras, Java, SQL, Web Development skills in HTML/CSS/PHP/JavaScript
 - **Languages:** Spanish (fluent), French & Hebrew (conversational)