

MAX TROMANHAUSER

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EDUCATION

Brown University

Master of Science in Computer Science

Relevant Courses:

- Topics in Secure Computation
- Advanced Topics in Cryptography
- Introduction to Quantum Information Science I

Providence, RI
Expected 2022 – 2024

University of Pennsylvania

Bachelor of Science in Engineering in Computer Science

Philadelphia, PA
2012 – 2016

EMPLOYMENT

Flatiron Health

Senior Software Engineer, Clinical Research

Software Engineer, Real World Evidence

- Conducted and built clinical data infrastructure for the Prospective Clinico-Genomic study.
- Collaborated in a highly cross-functional team to deliver oncological research datasets.
- Managed an intern as a direct report through a twelve week project.

New York, NY
2020 – 2022
2017 – 2019

Microsoft

Software Engineer, Azure Active Directory

- Refactored reporting features in Active Directory's UI for performance and usability.
- Maintained data pipeline that processed billions of events per month.

Redmond, WA
2016 – 2017

TEACHING EXPERIENCE

Brown University

Teaching Assistant, Data Engineering

- Graded student homework and exams.
- Held weekly office hours to assist students.

Providence, RI
2022

University of Pennsylvania

Head Teaching Assistant, Introduction to Computer Programming

Teaching Assistant, Introduction to Computer Programming

Teaching Assistant, JavaScript

- Hired and managed a staff of sixty teaching assistants and led weekly staff meetings.
- Taught weekly recitation of twenty students to review lecture topics.

Philadelphia, PA
2015 – 2016
2013 – 2014
2015

INDUSTRY RESEARCH

P10.14 ctDNA and Real-World Response (rwR) in Patients With Lung Cancer From A Prospective Real-World Clinico-Genomic (PCG) Study

A. Vanderwalde, M. Lu, S. Maund, M. Huntley, D. Incerti, A. Fine, K. Tolba, D. Jin, A. Bourla, A. Sondhi, M. Tromanhauser, D. Daniel, J. Tilford, J. Mcfarlane, S. Lakhanpal, G. Oxnard, and K. Schulze
Poster presented at the World Conference on Lung Cancer 2021, Virtual.

Approximating International Myeloma Working Group Uniform Response Criteria to Derive Response for Multiple Myeloma (MM) Patients Using Data from Electronic Health Records (EHR)

R. Foster, M. Tromanhauser, C. Gayer, P. Gonzales, K. Maignan, A. Opong, A. Torres, and K. Carson
Poster presented at the American Society for Hematology Annual Meeting and Exposition 2019, Orlando, FL.

PATENTS

Systems and methods for managing clinical trials.

Alexander Padmos, Angel Leung, Joshua Buddle, Lauren Sutton, Max Tromanhauser, Shannon Lee, and Anthony Hogan

Patent No.: US11742061B2. Publication Date: Aug 29, 2023