

# MAX TROMANHAUSER

(857) · 756 · 8635 ◊ mtromanhauser@gmail.com  
max.troman.haus

## 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