

MAX TROMANHAUSER

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EXPERIENCE

Flatiron Health

Senior Software Engineer, Real World Evidence
Software Engineer, Real World Evidence

New York, NY
Jan, 2020 – Present
Dec, 2017 – Dec, 2019

I work in Flatiron Health's Real World Evidence (RWE) division, a highly cross-functional team including oncologists, quantitative scientists, software engineers and oncology data specialists to leveraging technology and real-world data to support research on cancer care and clinical outcomes.

Microsoft

Software Engineer, Azure Active Directory Reporting

Redmond, WA
Sept, 2016 – Oct, 2017

- Implemented and refactored reporting features in Active Directory's UI for performance and usability
- Updated the deployment system and deployed the reporting service to sovereign clouds
- Maintained data pipeline that processes billions of events per month
- Investigated and mitigated bugs and customer requests

Computer and Information Science Department, University of Pennsylvania

Head Teaching Assistant, Introduction to Computer Programming

Philadelphia, PA
May, 2015 – May, 2016

- Managed 60 teaching assistants
- Planned and lead weekly staff meetings and TA training sessions
- Wrote recitation plans and assignments

Teaching Assistant, Introduction to Computer Programming

Sept, 2013 – May, 2016

Teaching Assistant, JavaScript

Jan, 2015 – May, 2015

- Lead weekly recitation of 20 students
- Graded student homework and exams
- Held office hours to assist students

EDUCATION

University of Pennsylvania

Bachelor of Science in Engineering in Computer Science
Minor in Mathematics

Philadelphia, PA
May, 2016

Relevant Courses: Advanced Topics in Algorithms and Complexity, Introduction to Networks & Security, Internet & Web Systems, Computer Operating Systems, Introduction to Artificial Intelligence

RESEARCH

Rebekah B. Foster, Max Tromanhauser, Christopher Gayer, Patrick K. Gonzales, Kathleen Maignan, Adomah S. Opong, Aracelis Z. Torres, Kenneth R. Carson; **Approximating International Myeloma Working Group Uniform Response Criteria to Derive Response for Multiple Myeloma (MM) Patients Using Data from Electronic Health Records (EHR)**. Blood 2019; 134 (Supplement_1): 4727.