Adam Stasiw

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EXPERIENCE

Flatiron Health

May 2018 - Present

Software Engineer September 2019 - Present

Using Python and SQL to build regulatory-grade datasets of Real World Evidence, to help clients answer targeted cancer research questions

Architecting and implementing fullstack Flask apps (Python+PostgreSQL backend, React frontend, AWS+Terraform infrastructure) to empower non-technical teammates

Founded SPARC, the "Scientific Papers and Academic Research Club", for monthly discussions of cutting-edge scientific research in a variety of disciplines

Technical Support Engineer May 2018 - September 2019

Resolved client-surfaced issues in software used by community cancer clinics across the US, by performing deep technical investigations into SQL and .NET (VB and C#)

Created a JIRA-based sprint planning process for the team, and proactively wrote code improvements to address top customer issues

Taught and mentored newer team members, especially in technical problem-solving and debugging techniques

Two Sigma Investments

July 2013 - August 2016

Software Engineer November 2015 - August 2016

Wrote Java, SQL, and Angular to empower the firm's Legal and Compliance teams

Learning & Development Specialist July 2014 - November 2015

Designed and created instructional content for employees and managers firmwide

Business Development Analyst July 2013 - July 2014

Built data analytics dashboards; streamlined broker processes; designed investments

PUBLICATIONS

Chen R, Garapati S, Wu D, Ko S, Falk S, Dierov D, **Stasiw A**, Opong AS, & Carson KR. "Machine Learning Based Predictive Model of 5-Year Survival in Multiple Myeloma Autologous Transplant Patients" *Blood 2019; 134 (Supplement_1): 2156.*

Stasiw A, Falk S, Garapati S, Sridharma S, Mendelsohn D, Lakhtakia S, Rech A, Oldridge D, Adamson BJ, Chen R. "Generalizable Machine Learning Framework for Predictive Modeling of Patient Outcomes Using Oncology Electronic Health Records" *Value in Health 23, S74.*

PROJECTS

Superhighway — *Software-Driven Dance Theater Performance* October 2016

Wrote, choreographed, programmed, produced, and performed in an original 25-minute piece at Dixon Place, an Off-Off-Broadway theater. Used deep learning and a Microsoft Kinect to generate real-time music and visual projections

SKILLS

Software Engineering

Machine Learning

Human Computer Interaction

Scientific Research

Teaching

Acting, Singing, Dancing

LANGUAGES

Python
SQL
Javascript (React)
C / C# / Visual Basic
Java
HTML / CSS
ChucK, Processing, and SuperCollider
Conversational Spanish

EDUCATION

Princeton University — *Bachelor of Science in Engineering*

September 2009 - May 2013

Computer Science degree, with Certificates in Dance and Theater

Independent research: "Software for Choreography: Real-Time Analysis of Expressiveness in Dance Performance"

Nominated to the Sigma Xi Scientific Research Society