Amit Schechter

www.meetamit.com

Based in Brooklyn, NY

Profile

Expert front-end designer-developer with 22 years experience crafting data-rich UIs and visualizations using web technologies. Ex-cofounder and technical manager of a 10-person software design and development company, experienced with hiring, mentoring, business development, project estimation/pricing, DevOps and hosting. When working as a one-person design+build "team" (in collaboration with server/data developers and stake holders), able to conceptualize and prototype products, iterate fast by designing directly in code, tackle complex programming challenges, and produce compelling user experiences.

Experience

Senior Vice President, Data Science — Lazard Asset Management NYC 2018-July 2023

Serving as *the* UI and visualization designer and developer within a team of data scientists, quantitative analysts and portfolio managers. Collaborating to build a platform for portfolio construction that combines data science / machine learning with user input from analysts/PMs to search for and rank thousands of companies, using algorithms such as NLP, network graph analyses and simulations, leveraging datasets such as SEC filings, transcripts and news. Enabling team members to communicate their process and providing means for other developers to configure UI and reports for their models' outputs. The distinctive look & feel of the application and its clear explanation of the data have lead to major improvements in the group's presentations, branding and competitiveness. Technologies used: React, Observable notebooks, d3, git, node.js, Basecamp, Azure.

Co-Founder and Technical Director — TWO-N www.two-n.com NYC 2012-2018

Cofounded this award-winning data visualization agency specializing in the design and development of bespoke data-driven graphics, tools and narratives. As technical director, oversaw or directly executed every phase of every project completed by the studio, from client acquisition through prototyping and design development to final delivery and maintenance. Worked with wide variety of datasets – geospatial, financial, advertising and demographics – and with clients including Bloomberg LP, NYSE Euronext, WisdomTree, IHS Markit, Pensions & Investments, IPG Mediabrands, Athenahealth. Technologies used: React, d3, jQuery, node.js, git, AWS, Heroku.

Full Stack Developer — Intersect

Seattle, WA 2008-2012

Prototyped and developed a social media website for sharing life stories enriched with metadata about time/place, images, interactive timelines and maps. Technologies used: HTML+CSS+JS, Ruby on Rails, PostgreSQL, Google Maps.

Product Developer, New Technologies — SIAC/NYSE Euronext

NYC 2000-2007

As part of the New Technologies group, designed, prototyped and built user interfaces for internal and external -facing applications. Projects included: NYSE-branded market data visualizations with 3D models of the NYSE trading floor, graphical tools for monitoring NYSE's backend systems, bid/ask order book viewer. Technologies used: Adobe Flash, ActionScript.

Part-time Faculty — Parsons School of Design

NYC 2006-2007

Taught two undergraduate courses: *Intro to Broadcast Graphics* using VizRT's 3D modeling tools and real-time rendering engine; and *ActionScript Programming with Adobe Flash*.

3D Graphics Artist — VizRT

NYC 2003-2006

Built and rigged real time 3D models for virtual studios, on-screen infographics, and command & control systems through supporting VizRT's clients, which included NYSE, ESPN+NBA, Lockheed Martin. Technologies used: 3D Studio, Adobe Creative Suite, VIZ Artist, JavaScript.

Education

University of Illinois at Urbana-Champaign — BSAS Architecture

1999

Additional coursework: Computer Science, Graphic Design, 3D Modeling & Rendering

Skills & Accomplishments

- Courses completed on Coursera: *Intro to Machine Learning*, Stanford; *Data Structures & Algorithms*, Stanford; *Time-Series Analysis*, Stony Brook Univ.
- Over 24k reputation points on StackOverflow, mostly gained by answering questions about javascript, web graphics and d3.js
- Co-host of the NYC D3 Meetup
- Multi-instrumentalist (piano/keyboard and accordion) with digital audio production experience
- Work samples available at www.meetamit.com; references available upon request