

Tommy Unger

Leading the way toward data-driven experiences, insights, and decisions

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email
Seattle, WA
location

Work experience



Principal data scientist & product manager

2014 - current

- Envision, research & launch industry-leading analytics & UX solutions on an enterprise data storage system.
- Managed the design & launch of a data-driven prefetch solution increasing customer read performance.
- Use Tableau, Jupyter python notebooks, Excel & SQL to investigate, analyze, and deliver insights for a variety of business and technical challenges. Present findings to small teams or the whole company.
- Launched a cloud-based monitoring and analytics platform used by 90% of our customer base. This differentiated product has driven engagement of existing customers and acquisition of new customers.



Instructor - data visualization

2016 - current

- Teach a hands-on [data visualization](#) continuing education course for working professionals.
- Focus on the scaffolding of data visualization strategies including: history of datavis, understanding your audience, data acquisition and cleaning, and building tool proficiency in Tableau and Excel.
- Working with the committee to design courses and content for data analytics.



Real estate data scientist

2013 - 2014

- Brainstormed, researched, designed and wrote data-driven stories about the real estate market including: [Cities a Billionaire Can Buy](#) and [Hottest Neighborhoods](#). Helped drive all-time highs for web blog traffic.
- Built solutions to analyze real estate markets using SQL, AWS Redshift, HTML, css, Javascript, d3.js



Product manager - data & analytics

2010 - 2013

- Designed & managed a pixel-tracking system (like Google Analytics) for deep knowledge of website visitors.
- Created software solutions that helped companies improve search engine rankings via links & content.
- Drove company decisions and innovation with data and analysis. From SEO, to website tracking, to business intelligence, I helped lead the data-driven direction at Optify.



Online marketing consultant, web developer, principal

2008 - 2010

- Worked with a variety of small and large business to deliver online marketing and web solutions.
- Built an A/B testing framework for a marketing website to help optimize conversions.
- Built advanced Javascript filtering controls for Blue Nile's diamond search experience.



Senior data analyst

2006 - 2008

- Analyzed national and local residential real estate markets. Churned through millions of homes looking for interesting and informative data for home buyers, sellers, and browsers.
- Built Zillow's first quarterly reports which were used by media nationwide, including the Wall Street Journal. Used C#, SQL Server and Windows scripting to put it all together.
- Led the creation and deployment of a set of open source US city [neighborhood boundary maps](#).



Software development engineer/test

2001 - 2005

- Built stress testing scripts and automation for the ASP.Net web server platform.
- Built a performance testing application and database system for measuring the speed and stability of ASP.Net/IIS.

Patents

- ◆ Filesystem capacity and performance metrics and visualizations, [10095709](#)
- ◆ Analyzing and visualizing trends in the use and consumption of data in a shared storage system, [10318494](#)
- ◆ Filesystem hierarchical capacity quantity and aggregate metrics, [14/859114](#)
- ◆ Recommending link placement opportunities, [20140188608](#)

Education

Computer science, BS, Georgia Tech: Human-computer interaction and data focus. Co-op program at Manhattan Associates and an education software startup. Member of Georgia Tech Soccer Club team. Volunteer mentor, Techwood Tutorial Project.