

# T. Ryan Schoen

San Francisco, CA

## Experienced, Technical Product Manager seeking to pivot to Software Engineering

Over a decade in Product Management and Project Management, with a strong technical background and CS degree from MIT. Now seeking to formalize my software experience at Google with a full-time software engineer role at a medium-size company focused on the climate crisis.

Relevant competencies: [Python](#), [Go](#), [HTML](#), [CSS](#), [JavaScript](#), [Swift](#), [Kotlin](#), SQL

## CAREER EXPERIENCE

---

### Radius

San Francisco, CA

*Founder, Sole Engineer*

Mar 2024 – Present

- Created from scratch a local app focused on highlighting and gamifying restaurants near a user's home
- Built and launched an iOS app using Swift and an Android app using Kotlin, integrating with APIs such as Yelp Fusion API, Google Maps SDK, Google Places API, and multiple Firebase APIs

### Google LLC

San Francisco Bay Area, CA

*Software Engineer 20% Contributor, Google Shield*

May 2023 – Mar 2024

- Google Shield protects free expression by preventing DDoS attacks on news and human rights sites
- Ramped up on large TypeScript and Python codebase with minimal oversight, implementing features such as new metrics API for site owners, and improving the mechanism by which APIs are rate-limited

*Senior Technical Program Manager, Project Zero*

Nov 2020 – Mar 2024

- Co-led and coordinated team of ~12 security researchers in a deeply technical area, facilitating their work and finding high-impact ways to communicate their findings
- During my tenure, the team discovered 270+ vulnerabilities in products like iOS, Windows, Chrome, and Android, preventing those issues from being exploited by hackers
- Researched industry trends to produce internal and external analyses, helping to draw attention to and drive down the time software vendors take to fix security vulnerabilities

*Senior Product Manager, Next Billion Users*

Aug 2018 – Nov 2020

- Designed, developed, and launched products to solve the needs of users coming online for the first time in countries such as India, Indonesia, and Brazil
- Managed 8 product managers across 5+ products, working to solve the biggest challenges on low-end devices, such as low storage, unreliable connectivity, and expensive data
- Responsible for Files by Google, a file browsing, cleaning, and offline sharing solution with over 1 billion downloads; more than doubled the user count over the course of my tenure on the team

*Product Manager, Chrome Web Platform Team*

Aug 2013 – Jul 2018

- Managed 3 product managers responsible for strategic ecosystem projects across web platform team
- Coordinated over 100 engineers in performance projects, achieving wins such as 50% reduction in new tab page load time, 40% reduction in time under memory pressure, 20% reduction in page load time, and 10% reduction in average tab memory usage
- Led and launched Chrome's selective ad filter, removing annoying ads and dramatically improving user experience on the web as part of a cross-company initiative
- Collaborated cross-functionally with design, legal, PR, marketing, business development, and developer relations, as well as cross-company w/ Mozilla, Microsoft, Apple, Opera, Samsung

**MIT Computer Science and Artificial Intelligence Lab****Cambridge, MA***Research Assistant*

Jun 2010 – Jun 2012

- Researched algorithms to enable autonomous systems to efficiently construct arbitrary 3-dimensional structures in a distributed and decentralized manner
- Implemented algorithms in Python/ROS on a distributed robotic assembly platform

**Google, Inc.****Mountain View, CA***Associate Product Manager Intern, Chrome UI*

Jun 2011 – Aug 2011

- Led joint project with engineers from Google, Apple, and Opera to develop a standard for browser autofill, which was eventually integrated into the [autocomplete](#) attribute in HTML5
- Produced competitive analyses of Chrome against other browsers to focus team efforts

**Phrazit, Inc.****Philadelphia, PA***Co-Founder and CTO*

May 2008 – Nov 2008

- Accepted into DreamIt Ventures tech accelerator
- Created and developed social reviewing website phrazit.com using HTML, CSS, and JS

**Roto X****Brookhaven, PA***Founder, Sole Developer*

Sep 2003 – May 2011

- Designed and created from scratch the web-based game Roto X using HTML, CSS, JS, PHP, & MySQL
- At its peak the game had over 1,000 active players until the game was sold as I transitioned to college

**Independent Contractor****Brookhaven, PA***Web Developer*

Jun 2002 – May 2008

- Collaborated with clients to design and develop websites using HTML, CSS, JS, PHP, & MySQL
- Maintained and supported websites, including invoicing, advertising, and business administration
- Employers included UPS, Dennis Goldsborough Designs, Merloc Partners, and several others

**VOLUNTEER EXPERIENCE****United Way Bay Area****San Francisco, CA***Volunteer Tax Preparer*

Jan 2020 - Present

- Prepare complimentary tax returns for low-income Bay Area residents

**Tech for Campaigns****San Francisco, CA***Team Lead*

Dec 2007 – Dec 2009

- Provide technical services to state and local elections, such as website development, marketing campaigns, and data analysis

**EDUCATION****Massachusetts Institute of Technology****Cambridge, MA***Master of Engineering in Electrical Engineering and Computer Science. GPA 5.0/5.0*

June 2012

*Bachelor of Science in Electrical Engineering and Computer Science. GPA 5.0/5.0*

June 2011

- Relevant coursework: Advanced Algorithms, AI, Robotics, Diff. Equations, Computer Graphics

**Sun Valley High School****Aston, PA***Valedictorian of class of 250. GPA 4.0/4.0*

June 2007