

Owen Tillger

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There are certain qualities that cannot be taught—an unshakable sense of possibility, an instinct for systems, a gravitational pull toward meaning, an unrelenting curiosity that refuses to settle for surface answers. I bring all of these with me, every day, into every project, conversation, and problem I encounter. I am writing to express my interest in *any role that demands greatness*—whether in project management, product design, business strategy, technical development, sales, etc.—and to humbly but boldly declare that I believe I am the kind of person who changes the trajectory of teams, products, and perhaps even history.

“Everything around you that you call life was made up by people that were no smarter than you.
You can change it. You can influence it...
Once you learn that, you’ll never be the same again.”

What I offer is not *just* a set of skills. From building financial models that reimagine portfolio theory, to engineering full-stack applications with next-generation tooling, to leading interdisciplinary teams in the pursuit of new research frontiers—my technical capabilities are sharp and ever-evolving, but skillsets are something fairly easily attainable. Put your ‘nose to the grindstone’—or, spend your 10,000 hours—and “you *too* can have X superb skillset!”

But my value runs deeper.

I am, at heart, a systems thinker and a philosophical builder. I thrive on complexity. I live for moments where logic collides with purpose, where abstract design meets real-world parameters, where you stop asking “Can we build this?” but start saying “We *have* to build this.” Whether architecting a roadmap, crafting a line of persuasive copy, or selling a vision, I bring a deeply honed ability to ***understand people, speak their language, and align them toward something greater.***

Over the years, mentors, friends, and colleagues have told me again and again: “You’re going to change the world.” Not as a platitude, but with a kind of awe. I have always known this in my bones. And yet, like many, all I’ve ever lacked was *the chance*—a space to pour my energy, my obsession, and my rare capacity for synthesis into something truly worthy.

If your company is looking not only for an employee, but for a force—someone who will bring discipline, soul, insight, and execution to every layer of the work—then I would love the opportunity to speak. I am confident that my presence will elevate any team, and that my contributions will far exceed the boundaries of any title.

Thank you for your time, and for your consideration: I look forward to the possibility of doing something extraordinary together.

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owentillger@gmail.com • (267) 935 - 4503 • Furlong, Pennsylvania

New York University • New York, NY

B.A. in Politics and Computer Science • 2022

Game Theory • Economic Theory • Advanced Data Structures • Linear Algebra • Discrete Mathematics • Constitutional Law & Policy

Work Experience

OTTR • Freelance/Self-Funded, Chief Architect

2023 – Present

A think tank for cutting-edge software and financial technologies.

- Spearheaded development of proprietary quantitative trading strategies (ATLAS) for the crypto and equities markets.
- Designed and deployed full-stack applications with end-to-end scalability across a range of technologies.
 - Clickroot, Sandbox Research, Astrala, and more.
- Building TruthGuard, a decentralized news verification protocol meant to introduce abstracted information whilst removing biases.
- Developed multi-asset volatility strategies using custom-built smart contracts and real-time sentiment ingestion pipelines.
- Ran empirical studies on liquidity slippage and game-theoretic arbitrage in synthetic derivatives markets.
- Drafted internal research papers bridging token economics with political theory.

SmartStructure Investment Models – Brookhaven, PA • Head of Product & Growth Strategy

Sep 2024 – Jul 2025

Fintech firm reimagining portfolio design through bespoke algorithmic modeling.

- Orchestrated the full-stack development and UX architecture of the firm's proprietary investment simulator and portfolio optimizer.
- Directed a rebranding and digital expansion strategy, resulting in a +1200% in site engagement and conversions.
- Consulted on client portfolios and translated complex financial outcomes into digestible copy and design across the user funnel.

Apple, Inc. – New York, NY • Lead Product Specialist

Sep 2019 – Aug 2020

- Led high-impact, high-volume retail operations at the world's most frequented Apple Store, Fifth Avenue, Manhattan.
- Provided concierge-level sales to high-profile individuals including David Blaine and Shaquille O'Neal.
- Consistently ranked top 1% for AppleCare+ sales (#1 internal success metric).

Wharton Advisors – Plymouth Meeting, PA • Analyst, Tech & Benefits Division

May 2017 – Sep 2017

- Developed backend optimization scripts and data-cleaning pipelines for insurance and retirement analytics.
- Co-designed an algorithmic auditing system that reduced processing time for benefits cases by over 40%.
- Received early commendation for precision debugging across legacy Excel-to-SQL bridges.

Leadership Experience

Pennsylvania Free Enterprise Week – Erie, PA • Group Strategist & Executive Lead

- Led cross-functional student team to highest simulated stock performance across 300+ peer companies.
- Integrated advanced pricing models and behavioral economics frameworks into pitch and marketing campaigns.
- Selected by advisors for peer mentorship and leadership distinction award.

Varsity Golf Captain – Doylestown, PA • Central Bucks West

- Rebuilt morale and strategic cohesion following major team roster losses, leading to a winning season.
- Coordinated with local business sponsors and alumni to secure additional training opportunities and funding.

YMCA – Doylestown, PA • Program Director & Community Builder

- Tripled client intake (75 → 200) by engineering partnerships with local nonprofits and religious groups.
- Designed and led leadership training programs for junior mentors, emphasizing interpersonal communication and civic values.

Personal Endeavors • Technical Lead, Research & Development Initiatives

- Assembled and directed agile teams of engineers, designers, and researchers to pursue high-conviction personal projects.
- Overseeing all phases of product lifecycles—from ideation and prototyping to deployment and optimization.
- Fostered a collaborative research culture that emphasizes rigor, experimentation, and cross-disciplinary dialogue.

Additional Information

Technical Languages & Tools: Solidity • JavaScript, TypeScript, Python, Node.js, Next.js, React, SQL, MongoDB, GA4, Adobe Platforms

Spoken Languages: English (*Fluent*), Mandarin Chinese (*Conversational*), French (*Conversational*)

Interests & Disciplines: Debate, Politics & Geopolitics, Philosophy, Finance, Computing, Writing, Literature, Music, History, Sports