

# YITZY ROSENBERG

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## PROFESSIONAL SUMMARY

Insatiably curious self-taught systems engineer. Product, growth, operations, and strategy. Lover of wicked problems. Domain experience in real estate, startups, venture capital, government policy, infrastructure, utilities, innovation, education, civil and environmental engineering. GED to full Ivy scholarship, 2x founder. Community builder, advanced scuba diver, film photographer, pilot, former professional longboarder. Certification: Lean Six Sigma Black Belt, ASEP, EIT.

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## RECENT HIGHLIGHTS

### CTO - COO, Astrid | Jan 2025 - Present

- We're building an AI-powered symptom journaling and diagnostic platform for complex episodic conditions. Architected and built the initial engine to transform natural-language into structured clinical insights. YC applicant..

### Head of Special Projects - Asset and Product Manager, Woolbright Development | Dec 2024 – Dec 2025

- Developed an **internal acquisitions product** and engineered AI workflows to underwrite and analyze 100+ retail shopping centers, automating OM analysis, ownership research, and financial risk modeling.
- Created the "**Throughput Formula**" **product framework** to reinvent revenue channels and guide CRM development, leasing 14 vacancies in six months to generate **\$14M+ in actualized value**.
- Managed the end-to-end redevelopment construction, engineering, and permitting of a **\$10M+ Publix-anchored center**, overseeing all contracts and site logistics.

### Director of Operations, Gearsupply | Mar 2023 – Nov 2024

- Orchestrated a multi-million-dollar investment round by developing novel **customer acquisition strategies** and finance structures during a difficult fundraising climate.
- Recruited and mentored a high-performing six-person operations team, scaling back-end systems to grow revenue to **\$15M+**.
- Designed and implemented the company's first core operational stack, including **CRM, inventory, and logistics systems** from the ground up.

### District Resiliency Project Manager, South Florida Water Management District | Nov 2021 – Feb 2023

- Developed a multi-million-dollar **private equity investment thesis** for a large family office.
- Spearheaded a multi-million-dollar water innovation program and provided technical support for **\$100M+ infrastructure projects**.
- Developed the first **dynamic statistical water supply models** incorporating **climate risk** and sea-level rise for over 10M+ constituents.
- Oversaw budgeting and project management for **\$350M+ in critical planning**, managing cross-functional teams of 20+ subject matter experts.

### Venture Capital Analyst and Kessler Fellow, Chloe Capital | May 2020 – May 2021

- Automated investor outreach by building an automated scraping system to source contact data for high-impact investors, facilitating the raising of an initial **\$50M fund** and development of first CRM.
- Executed thorough due diligence and industry research for prospective investments while producing reports on **portfolio performance and growth projections**.
- Managed a four-person fellowship program and led the **hiring of two team members**, implementing metric tracking and publishing a white paper on program impact.

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## TECHNICAL SKILLS

**Statistics:** ANOVA, FMEA, MonteCarlo Simulations, Uncertainty, Descriptive, Sensitivity and Risk Analysis

**Finance:** Fund, Project, and Investment Finance, Debt, Pricing, Forecasting, DCF, LBO, Real Estate Underwriting

**Systems:** Linear and Dynamic Programming, Multi-Objective Optimization, Civil and Environmental Engineering

**Coding:** Advanced Excel, Python, Auto Lisp, R, MATLAB, VBA, VBScript, SQL, JavaScript, SysML, C, C++

**Software:** HubSpot, Salesforce, PowerBI, AutoCAD, ArcGIS, Jira, Trello, AirTable, Odoo, Argus, Procore, Wrike, SAP

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## EDUCATION

**Masters of Systems Engineering**, Cornell University | Financial and Business Systems | GPA: 4.0

**Bachelors of Environmental Engineering**, Cornell University | Entrepreneurship | Cum Laude | Undergraduate GPA: 3.7

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## COMMUNITY AND LEADERSHIP

**Present:** President of Cornell Club of Fort Lauderdale and Boca Raton, Aspen Institute Future Climate Leader, Young Professionals in Energy, Young Professionals in Infrastructure Board Member, AWWA Scholar, ACS Scholar

**Cornell University:** President of INCOSE Student Chapter, Vice-President of Cornell Rotaract Club, Senior Leadership in AguaClara Cornell, Senior Leadership in Engineers Without Borders, Unit Head and Counselor in Camp Kesem, Engagement Intern for Hillel, House Manager for Triphammer Cooperative, Mentor for CU-Empower, Peer Advisor for Environmental Engineering, Ambassador for Civil and Environmental Program, Contributor to Rotary WASH Grant Writing Team, Engaged Leadership Certification, Engineering Leadership Certification