Benjamin Mesnik

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PROFILE

I have founded a startup, where I took a cutting-edge product from concept to product helping millions of users. I have also been a core member of world-class engineering teams and have built many software products from 0-1. I am highly motivated and very adaptable. I enjoy being an impactful contributor on high-performing teams.

TECHNICAL SKILLS

Python, Java, Javascript (React), mySQL, AWS, AI/ML, Data Science

EDUCATION

Lehigh University Class of 2020   Sept. 2016 - May 2020

Major: BS in Computer Science and Engineering
Minors: Entrepreneurship, History
Awards: The Thalheimer pitch competition Grand Prize for Tip Genius, 1st of 100+ pitches
            The Leonard Pool Prize for entrepreneurial work on SkillLister.com

WORK EXPERIENCE

State Farm – Machine Learning Engineer - New York, NY   Aug. 2024 - Present
- Deployed 10 predictive models to the cloud, where they produce a combined 1+ billion prediction each month
- Ideated and currently researching feasibility of a genAI-based tool to automatically create diagrams from codebases

Tip Genius – Founder & CTO - Boston, MA   June. 2018 - June. 2024
- Created the first AI coach for video games based on pitch competition Grand Prize winning business plan (demo)
- Built desktop app used by 250,000 gamers and content marketing engine which amassed over 100m impressions
- Generated $100,000 in annual revenue
- Led a team of 10 contracted coaches, developers, and designers through several multi-year initiatives
- Architected and implemented scalable software and infrastructure (Java, React, Python, AWS, mySQL)
- Pushed forward the state-of-the-art capabilities of AI-based coaching tools
- Pioneered innovative genAI integrations to enhance the application's capabilities and increase team efficiency
- Secured $100,000 in grants from Overwolf's Intel fund and Cardano Catalyst

Constant Contact – Software Engineer – Boston, MA   July 2020 - June 2022
- Contributed as a core member of the world-class automation/data platform team, developing a highly scalable service which could ingest billions of events daily to trigger email/SMS automated workflows (Java, Docker, Kubernetes, Spark)
- Completed the software engineering development program, rotating on back-end, front-end, devops, data platform teams and a 3 month capstone project (Java, React)

ADDITIONAL WORK EXPERIENCE

Lehigh University – Research Assistant – Bethlehem, PA   Sept. 2019 - May 2020
- Compiled analysis on how large organizations prepare for societal shifts, with focus on internal innovation labs.

Intelliquip – Intern – Bethlehem, PA   June - August 2019
ContentMX – Intern – Boston, MA   June - August 2017
Tripadvisor – Intern – Boston, MA   June - August 2016
Yankee Scientific – Intern – Boston, MA   June - August 2015

NOTABLE HOBBY PROJECTS

AI Agent Platform
- Developed platform for creating goal-driven LLM-based agents for email/SMS marketing

Fungify
- Secured $100,000 in grants from Cardano Catalyst to build fintech protocol

Mutable Comics
- Created a tool that used custom ML models and sentiment analysis to insert new captions into comic strips

SkillLister.com
- Built a web application for community-based contractor recommendations. Awarded Leonard Pool Prize.

INTERESTS

Soccer, Skiing, Running