

Julian Weng

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EDUCATION

University of Pennsylvania, Management and Technology Program, Philadelphia, PA *Aug 2026 - May 2026*

Candidate for Bachelor of Science in Economics (Wharton) and Bachelor of Science in Engineering

Major/Concentration: Finance, Computer Science

Organizations: WITG Tech, Media, Telecoms (TMT), Penn Labs, SFCU Teller and IS Committee, Web3 Builders Core Team

Staples High School, Westport, CT *Sept 2018 - June 2022*

Valedictorian. *SAT Scores:* Math (790) / Reading & Writing (790)

Activities: National Merit Scholar, We the People Nat'l, 13 APs (5s), Sikorsky Engineering Comp., Debate Team President

RELEVANT EXPERIENCE

Shibumi | *Contract Software Engineer*, Norwalk, CT *May 2022 - Sept 2022*

- Independently worked with SPM software company to develop a chatbot for both support and sales functions, collaborating closely to ensure value-added and net resource savings for the organization
- Developed data analysis / processing algorithmic tools to automatically parse and incorporate >327 existing knowledge base entries into chatbot domain expertise with minimal manual work required (Pandas, NLU, Jupyter)

Polypaths | *Tech Intern*, New York, NY *June 2020 - Aug 2020*

- Analyzed fixed income math and analytics data with AppPort: a single computer solution for bond pricing, relative value analysis, and portfolio risk management
- Performed QA; tested Poly Enterprise with API calls and used Selenium to automate GUI tests

PROJECTS

Feta | Philadelphia, PA *Sept 2022*

- Built social platform reducing food waste and ill-timed hunger, allowing users to submit timed, geo-located posts of free leftover food using image classification AI and social verification (React, Next.js frontend, Convex backend)
- Integrated Google Maps, OAuth APIs to allow for hundreds of user submissions without a degradation in UX quality

Austin | Westport, CT *Oct 2021 - Jan 2022*

- Created chatbot to adaptively curate and generate custom practice problems in Physics, Chemistry etc. for students to review quantitative classroom concepts at their own pace using RASA framework, Python
- Utilized transformers, sqlite3 to provide an additional NLU layer on top of core chatbot, allowing users to request questions by subject, independent variable solved for, etcetera

LEADERSHIP

New York Fed Challenge | *Team Lead*, New York, NY *Jan 2022 - May 2022*

- Published 12-page paper “Metaverse Virtualization as a Solution for Climate Change” in Journal of Future Economists, analyzing the effect of the “experience economy” and emerging technologies on present and future carbon emissions
- Spearheaded ideation, research, and composition of paper in a team of 6, overcoming limited economics backgrounds

Code for a Cause | *Founder / President*, Westport, CT *Aug 2021 - June 2022*

- Founded club providing resources and guidance for hackathon participation; published bi-weekly newsletter to ~39 hackers with technical knowledge, community-oriented sections
- Lead team to 1st place finish in Lockheed CodeQuest competition Advanced Division, as well as PrideHacks prize for project utilizing Decentralized Autonomous Organizations on web3 for grassroots activism

SKILLS

Languages: Python, JavaScript, Java, OCaml, C, SQL, HTML/CSS

Technologies: React.js, Docker, Git, Unix (Linux), Excel, RASA, Convex, Powerpoint, Git