RUHAN SAHASI

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EDUCATION

University of Pennsylvania - College of Arts & Sciences   *GPA: 3.83*

B.S. Computer Science

Relevant Coursework: Data Structures, Compilers, Multivariable Calculus, Linear Alg & Differential Eqs, Statistics

PROFESSIONAL EXPERIENCE

AMD (Wharton Undergraduate Consulting Club)   **Philadelphia, PA**

EPYC Chip Product Analyst   *Sep 2025 - Present*
- Sized EPYC demand across priority workloads—virtualization, customer analytics, and AI inference—building a TAM/SAM/SOM model top-down and bottom-up for cross verification ($14.8–$20.3B, 2026)
- Mapped user behavior via a mixed-methods study (surveying 10+ Chief Procurement Officers to learn about hardware's utility in AI applications and interfacing with hundreds of industry experts) to quantify buying criteria
- Compared EPYC, Xeon, and and other leading processors across technical and non-technical parameters; mapped appeal by vertical (SaaS, fintech, tech, etc), building a model to rank-order buyer drivers

CoreThink (Stealth AI Startup Built for Neuro-Symbolic LLM Orchestration)   **San Francisco, CA**

AI Development Intern   *May 2025 - Aug 2025*
- Built & maintained a Python evaluation pipeline to benchmark 11 models (7 base, 4 instruct) on reasoning, code, tool-use, and multilingual tasks; wrote reports to help the founders identify performance gaps
- Ran 170 tests tuning max tokens, prompting, etc, leading to changes that increased task accuracy (12%)
- Analyzed 12k user-agent interactions across 3 stealth test environments; shipped prompt and routing tweaks that increased target-task accuracy +68%, improved first-response helpfulness, and reduced latency by 23%

Swarmed (Bee Swarm Reporting Software for Conservation)   **Los Altos, CA**

Software Development Intern   *May 2025 - Aug 2025*
- Built the backend user interface for the swarm-reporting form, including intake, validation, and routing; developed image classification software to make the form less error-prone, reducing misreadings by 70%

KEY PROJECTS

Comprehensive Notes Manager   **Philadelphia, PA**
- Built a REST API with FastAPI (GET/POST/DELETE notes), Pydantic validation, and SQLite persistence; designed clean DB/API separation for maintainability; added input validation + HTTP error semantics
- Integrated OpenAI API–backed enrichment into the notes service to generate on-demand summaries, tags, flashcards, and other study tools

LEADERSHIP & COMMUNITY IMPACT

Veterans History Studio (National Nonprofit for Veteran Support)   **Los Altos, CA**

Founder   *Sep 2022 - Present*
- Launched and directed a national nonprofit that conducted 500+ veteran interviews, identifying service gaps that helped drive a $14M veteran-care allocation in Santa Clara County
- Secured a $10K/month Google grant; raised $12K for veteran transportation access from over 400 donors, and scaled impact to over 130 local veterans who regularly use our transportation system
- Built and rolled out VetBot, an ML virtual assistant that has handled 30,000+ queries from veterans

Penn Computer Science Society   **Philadelphia, PA**

Vice President of Internal Operations   *Sep 2025 - Present*
- Manage events for 100+ club members including fireside chats, tech showcases, and hackathons
- Coordinate with local programs to create a pipeline between Penn CS & surrounding communities

ADDITIONAL INFORMATION

- **Skills**: *Programming Languages*: Python, C++, JavaScript, Java | *Systems*: Docker, Git, AWS | *Data/Backend*: SQL, REST APIs, FastAPI | *Machine Learning*: ML libraries, TensorFlow, OpenAI APIs, Jupyter Notebook
- **Awards**: Presidential Service Award (Gold - 3x), National French Competition (Gold - 3x), National Debate Honors (Top 250 in Public Forum, 2x Tournament of Champions Qualification), $10k/month Google Grant