Niki Namian

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EDUCATION

Santa Monica College, Santa Monica, CA — June 2026
Associate in Science for Transfer (AS-T), Mathematics
Bachelor of Science, Computer Science and Engineering — Expected: June 2028

GPA: 4.0

Relevant Coursework: *Differential Equations, Linear Algebra, Data Structures & Algorithms in C++, Physics (Mechanics with Lab & Fluids, Waves, Thermodynamics, Optics with Lab), Calculus 1-3, C++ & Java Programming, Digital Logic (Circuits, Decoder, Multiplexers), Assembly Programming*

Campus Involvement: Scholars Program - Honors, STEM Program, President & Founder of Future in Tech Club, Secretary at Girls Who Code Club, Computer Science Club

Palisades Charter High School: June 2024

GPA: 4.45 (Eight-semester Principal's Honor Roll)

Relevant AP Coursework: AP Computer Science Principles, AP Calculus, AP Statistics, AP Macroeconomics

SKILLS

Technical Skills: HTML & CSS, GitHub, Git, VS Code, APIs, Microsoft Azure & Fabric, Microsoft Office Suite, Xcode, Google Workspace, Figma, Canva, Debugging, Web Development, Open Source, Machine Learning, Artificial Intelligence, Streamlit, Scikit-learn, Pandas, NumPy, Matplotlib, Docker, Containers

Languages: Python, Java, C++, C, C#, SQL, JavaScript, Assembly

EXPERIENCE

Santa Monica College, Santa Monica, CA — February 2026 - Current
Supplemental Instructor for Data Structures & Algorithms in C++

- Lead weekly sessions to aid 100+ students with debugging and complex C++ topics like Trees, Heaps, and Stacks
- Streamlined student workflows using GitHub Actions and professional VS Code environments
- Debug complex memory and pointer issues in real-time, helping students master manual memory management

Computer Science Student Tutor — October 2025 - Current

- Provide multi-language support (Python, Java, C#, C) for 50+ students, focusing on logic and debugging
- Assist students with coursework on Computer Information Systems, such as Microsoft Excel, including functions, data analysis, and workflow optimization

Handshake, Los Angeles, CA (Remote) — February 2026 - Current
AI Trainer

- Optimize Multimodal LLM performance by evaluating video, image, and text outputs for technical accuracy, utilizing Reinforcement Learning from Human Feedback (RLHF) workflows to refine models for frontier AI labs

NASA Jet Propulsion Laboratory (JPL), La Cañada Flintridge, CA — December 2024 - June 2025
Student Intern

- Evaluated next-gen processors for space applications, assessing multi-core and DSP/GPU processors for high-performance onboard computing in future spacecraft missions
- Developed a virtual test lab using NVIDIA Omniverse and Web 3.0 standards, enabling interoperability between virtual and physical models for spacecraft design and testing
- Integrated AI and simulation technologies (LLMs, LWMs, Graph Neural Networks) to create digital twins and enhance virtual testing environments
- Enabled metaverse collaboration using AR/VR, blockchain, and Spatial Web to facilitate human-robot collaboration and dynamic model interoperability

College Board, Los Angeles, CA — May 2025 (Seasonal)
AP Exam Proctor

- Supervised AP exam sessions to ensure compliance with College Board procedures for academic integrity

Private Math Tutor, Los Angeles, CA — June 2024 - September 2025
Volunteer

- Assisted students with math subjects up to Multivariable Calculus, Linear Algebra, and Differential Equations

Starbucks, Los Angeles, CA June 2022 - June 2024

Barista

- Crafted a diverse range of beverages tailored to customer preferences in high-pressure environments
- Utilized the Point of Sale (POS) system to efficiently monitor inventory levels, ensuring optimal stock availability

PROJECTS

Python Programming

- Engineered an AI stock analysis tool using Python and Streamlit that integrates real-time API data and sentiment analysis to provide automated investment verdicts and price trend forecasts, reducing time needed for research
- Programmed check-in systems, appointment scheduling, and calendar software for dental office operations
- Developed user-friendly games in Python (adventure, slot machine, guessing the random number)
- Created calorie-counting program that suggests changes in diet based on user input of their eating habits

C++ Programming

- Programmed a Tic Tac Toe AI opponent using vector nodes and game trees in C++
- Coded a solution to the famous Towers of Hanoi puzzle, including graphics and disks customized by the users
- Developed a program to manage stock portfolios, analyzing profits, and using selection sorts to order stocks

CFO of Power Hour (affiliated with https://veinternational.org/)

- Led financial forecasting as CFO, creating balance sheets and pie charts to analyze data and identify trends
- Analyzed sales data to generate gross profit for the company
- Developed balance sheets and cash flow calculations to forecast financial outcomes (QuickBooks Competition)
- Virtual Business Finance E-portfolio: https://sites.google.com/pchs.palihigh.org/nikinamian-e-portfolio/home

LEADERSHIP & COMMUNITY INVOLVEMENT

HackCC, Los Angeles, CA January 2026 - Current

Outreach and Sponsorship Organizer

- Scaling funds and technical resources through partnerships with leading companies to support 250+ participants
- Coordinating with student organizations to facilitate mentorship and recruitment opportunities for attendees

Future in Tech Club at Santa Monica College, Los Angeles, CA June 2025 - Current

President & Founder

- Lead a group of 8 board members in organizing guest speaker events, career-focused workshops, and fostering discussions in emerging fields such as AI and Quantum Computing
- Founded and grew the club to 30+ members, establishing a community focused on career development and connecting students with industry professionals
- Delegate tasks to the board members, ensuring seamless execution of events, outreach, and financial planning

Girls Who Code Club at Santa Monica College|College Loop, Los Angeles, CA September 2024 - Current

Officer - Secretary December 2024 - Current

- Managing membership data, financial grants, and club records to ensure organization and efficiency
- Handling external relations with outside organizations to secure guest speakers and industry partnerships

Officer - Event Coordinator September 2024 - December 2024

- Conducted hands-on coding workshops in Python and HTML/CSS to prepare members for regional hackathons
- Coordinated event logistics and guest speaker outreach, resulting in a 10% weekly increase in club participation

AWARDS & BADGES

- Robert R. Sprague Foundation Scholarship for STEM
- Dean's Honor List at Santa Monica College
- Identified as top student of class by President of University of California System (2024)
- Microsoft Learning Trophies (AI Skills Challenge):
    - Develop solutions with Azure AI Document Intelligence, Create and extend custom copilots in Microsoft Copilot Studio, Extend Microsoft Copilot for Microsoft 365 with Copilot Studio, Microsoft Fabric (connect, ingest, store, analyze, and report on data), Accelerate Developer Productivity with GitHub and Azure for Developers, Secure Your Data in the Age of AI
- 2024 AP Scholar with Distinction issued by CollegeBoard/2023 AP Scholar issued by CollegeBoard