Koko Jamgotchian

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Objective Statement

Motivated Computer Science undergraduate with a 4.0 GPA and an Associate of Science in CS, seeking an internship in software development, data analysis or systems engineering. Proficient in Python, C++, Java, and assembly, with hands-on academic experience in data structures, computer architecture and object-oriented programming. Brings strong communication, customer service, and teamwork skills developed through diverse work and volunteer experiences.

Education

California State University, Northridge – Northridge, CA

Bachelor of Science in Computer Science, Minor: Mathematics
Expected Graduation: June 2026
GPA: 4.0

Glendale Community College – Glendale, CA

Associate of Science in Computer Science, Minor: Mathematics
Graduated: Fall 2024
GPA: 3.6

Skills:

Programming Languages:

- Python - Proficient
- C++ - Proficient
- C - Proficient
- Java - Proficient
- Assembly Language - Intermediate
- HTML5 - Intermediate
- Cascading Style Sheets (CSS) - Intermediate
- JavaScript

Leadership & Volunteering:

Student Volunteer
MESA (Mathematics, Engineering, Science Achievement) Program — Jan 2024 – Present

- Supported outreach events promoting STEM education among underrepresented students

- Mentored peers in academic success strategies, emphasizing science and technology fields

- Collaborated with university faculty to organize workshops and hands-on activities in CS and engineering topics

IDEAS Scholar

AI LA — California, USA | May 2025 – Present

- Participating in a competitive applied AI training program focused on machine learning fundamentals and real-world impact
- Conducting projects using Python to explore data modeling, algorithm design, and ethical AI applications

Work Experience:

Gary's Jewelry

Aleppo, Syria 2015

2015 - 2019

Jewelry Store Assistant
- Provided exceptional customer service, assisting clients in selecting jewelry pieces and offering expert guidance on product features and styles.
- Assisted in inventory management and merchandising activities, ensuring accurate stock levels.

Penyamin Pharmacy

Aleppo, Syria 2016

2016 - 2017

Pharmacy Cashier

- Managed cash transactions and operated point-of-sale (POS) systems efficiently, ensuring accurate billing and providing excellent customer service to pharmacy patrons.
- Helped restock inventory shelves and monitor stock levels to ensure availability of products for customers.

Academic Experiences:

Computer Science Coursework

- Glendale Community College, Glendale, California
- 2022 - 2025
- Completed coursework in computer science, including:

- CS/IS 112: Java programming course covering problem-solving, flowcharting, coding, debugging, and documentation.

- CS/IS 135: C/C++ programming course covering real-time, business, and image processing applications. Includes object-oriented programming, data abstraction, and program structure.

- CS/IS 165: Computer Architecture and Assembly Language Programming. Covers mapping high-level language constructs to machine instructions, data representation, and numerical computation.

- CS/IS 125: Discrete Structures course covering logic, combinatorics, graph theory, relations, Boolean algebra, and probability.

- CS/IS 166 explores advanced addressing, comparative architectures, virtual memory, microprogramming, low-level translation, system functions and data structure applications like hashing.

- CS/IS 211: Data structures and practical problem-solving using Object-Oriented Programming languages like Java or C++.

- CS/IS 212 focuses on data structures and abstraction for practical problem-solving using object-oriented programming, covering topics like hash tables, trees, persistent structures, indexed files and databases.

- CS/IS 137 prepares students for real-world C++ programming with advanced object-oriented concepts, including templates, files and operator overloading, through hands-on projects.

- CS/IS 139 is a hands-on course focused on building and testing Java applications and applets across different systems to learn core Java concepts.

Related Coursework:

- Introduction to Programming Using Python
- Python Intermediate
- Python Developer
- Introduction to Programming Using HTML and CSS
- Introduction to Programming Using HTML and CSS
- Tech for Everyone
- HTML Fundamentals
- C++ Beginner Challenges
- Introduction to Python

Languages:

- Arabic - Native or bilingual proficiency
- Armenian - Native or bilingual proficiency
- English - Native or bilingual proficiency
- Turkish - Full professional proficiency
- French - Limited working proficiency

Extracurricular Activities:

1. Basketball Team

- Journey Experience, Various Locations
- 2013 - Present
- Position/Role: Team Captain
- Description: Demonstrated leadership skills by coordinating team strategies and fostering a supportive team environment. Participated in competitive matches and tournaments, contributing to the team's success. Earned 2 gold medals during tournaments throughout my basketball journey. Ranked 5th place nationally in a solo basketball tournament in Syria, showcasing individual performance and competitive skill.

2. Dance Group

- Aleppo, Syria
- 2014 - 2021
- Position/Role: Lead Dancer
- Description: Participated in various dance productions and competitions, showcasing creativity, teamwork, and commitment to the art of dance. Collaborated with team members to choreograph routines and deliver captivating performances. I have over 7 years of experience in dance.

Hobbies/Interests:

- I have a keen interest in exploring advancements in space exploration and am particularly fascinated by NASA's missions and discoveries.
- I am passionate about continually expanding my knowledge and skills in computer technology, staying updated with the latest developments in the field.
- In my leisure time, I enjoy playing ping pong (table tennis). I have participated in tournaments, and I'm proud to have achieved first place in one, earning a medal for my performance.