Nicholas Karas

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EDUCATION

Bachelor of Computer Science **Expected May 2027**
California State University of Northridge, CSUN **GPA: 3.883**
High School Diploma
Relevant Coursework
Introduction to Algorithms and Programing
Computer Architecture And Assembly Language
Data Structures And Program Design

SKILLS

Programing: Java, HTML, CSS, C++, Assembly
Software: Arduino, Github, Microsoft Office, Photoshop, OnShape
3D Modeling and Printing

WORK EXPERIENCE

In Home Support Service Provider October 2020 – November 2022
In Home Support Service
• Took an active role in the patient and family planning process, detailing instructions and responding appropriately and effectively to questions and concerns.
• Offered friendly and efficient service to customers, handled challenging situations with ease.

Board Chair Assistant June 2021 - August 2021
Sherman Oaks Chamber Of Commerce
• Helped record, compile, summarize and analyze data.
• Composed and transcribed well-written reports and emails with minimal supervision.

3D Printer Expert / Student Supervisor July 2023 - Present
Creative Maker Studio
• Managed the operation, maintenance, and troubleshooting of 3D printers to ensure and maintain high quality print standards.
• Oversaw other student assistants, delegated tasks, and provided training sessions on 3D printer usage, maintenance procedures, and safety protocols.

ORGANIZATIONS

Systems & Controls Sub-team Member January 2023 – Present
American Society of Mechanical Engineers (ASME) Student Design Competition (SDC)
• Collaborate closely with a cross-functional team of engineers and designers to conceptualize, design, and refine the manufacturing process for robot electronics components placement and shielding.
• Develop and test electronics components for a solar/wind powered robot capable of semi-autonomously maneuvering a field to pick up and deposit different sizes of weights.

Technician and Lead Programmer August 2021 – June 2022
FIRST Robotics Competition (FRC)
• Member of Team 4 Element that assisted with the setup and troubleshooting of the robot.
• Lead the programming department to successfully program the robot called "V.O.P." to achieve the designated tasks.

TECHNICAL PROJECTS

Remote Control Car April 2022

- Assembled using Arduino and breadboard in order to activate motors.
- Programmed a theft alarm using C++ to go off whenever a tilt switch sensed movement.
- Created a tutorial website walking through the steps of creation.
- Researched instructions through Youtube tutorials and online forums to program and assemble project.

CERTIFICATIONS

- Microsoft Office Specialist Word & PowerPoint May 2019