Nathan Sheyman

4253753525

nathansheyman@icloud.com | www.linkedin.com/in/nathan-sheyman | https://github.com/nathanS2004

EDUCATION

Arizona State University – Hon. B.S., Computer Science   5/27(expected)

Arizona State University, Tempe, AZ

- Classes: Intro to Programming Languages, Object Oriented Programming & Data Structures, Computer Organization/Assembly Language Programming, Digital Design Fundamentals, Applied Linear Algebra, Discrete Math, Calculus III, Probability and Statistics, Information Assurance, Data Structures and Algorithms, Intro to Software Engineering
- Clubs: Chabad at ASU (Board Member), AI Society, Software Developers Association, Hit & Rally

SKILLS

- Python, Java Programming, Communication, Ability to Work in a Team, Microsoft Office Specialist, Effective Time Management, Fast Learner, Assembly Language.

Projects

Data Organization for NPO

- Developed a website for a California-based NPO to collect and organize survey data securely. Implemented a system to scan and record emailed information using the ChatGPT API for automation. Technologies: JavaScript, HTML, CSS, Google Services.

Key Fob

- Designed a key fob using synchronous sequential machines, used K-maps and state diagrams to find optimal designs based on client interviews.

15 puzzle

- Create 15 puzzle game and a program to solve puzzle. Wrote algorithms to create a solvable board and compute Manhattan distance for algorithmic guidance. Technologies: Python

Stock Market Predictor

- Created a web-based tool allowing users to input financial details and simulate profit based on 70 years of real-world market data. Technologies: JavaScript, HTML, CSS

EXPERIENCE

Walmart – Remodel Team

Walmart, Bellevue, WA   *6/24-7/24*

- Collaborated with a remodel team to dismantle and install lanes, ensuring efficient store layout updates.
- Assisted customers and relocated merchandise, contributing to a smooth and organized remodel process.

Project Caravel

Luckypen, Redmond, WA   6/22-1/23

- Developed and co-led a mini-course on coding, video editing, and art for Ukrainian refugees, working with a small team of peers.
- Strengthened leadership, communication, and teamwork skills through collaboration and course facilitation.

Pedalheads Bike Instructor   6/22 – 9/22

Pedalheads, Redmond, WA

- Instructed children aged 3-10 in learning and improving bike riding skills, adapting techniques to individual needs and abilities.
- Collaborated with fellow instructors and supervisors to enhance class engagement and optimize the learning experience for students.

Python Coding Camp   6/22 – 7/22

Redmond, WA

- Designed and taught a Python course for middle school students, covering foundational concepts through assignments and a final project.
- Led both course development and instructional sessions, ensuring an engaging and comprehensive learning experience for the class.