

ARTHUR UMEROV

aumerov@calpoly.edu

(650)787-5474

San Mateo, CA

linkedin.com/in/arthur-umerov

EDUCATION

California Polytechnic State University, San Luis Obispo

June 2024

Bachelor of Science in Computer Science

GPA: 3.46

De Anza College, Cupertino

June 2022

Associate in Science for Transfer in Computer Science

Associate in Science for Transfer in Mathematics

Dean's List for eight quarters

SKILLS

- Proficient in Java and C++
- Intermediate in Python, Assembly, C, and Unix / Linux Command Line
- Beginner in JavaScript and Arduino

RELEVANT COURSEWORK

- Object-Oriented Programming and Design
- Software Engineering principles and Design Patterns
- Systems Programming
- Data Structures
- Design and Analysis of Algorithms
- Linear Algebra and Differential Equations

PROGRAMMING PROJECTS

- **Flowchart Design Application** December 2022 - Present
 - Collaborated with a team of six to develop a software tool from the ground up
 - Managed project using GitHub and Taiga Scrum for organization and efficiency
 - Implemented MVC, Singleton, and Observer design patterns for strong software architecture
- **Forest Game** September - December 2022
 - Optimized existing codebase for cohesion using polymorphism techniques
 - Implemented innovative features to expand the virtual world's functionality
- **Social Media Platform Clone** (personal project) August 2022 - Present
 - Continuously developing by incorporating concepts learned in college courses
 - Major update in progress, featuring complete refactor for improved structural metrics

WORK EXPERIENCE

Crew Member, Trader Joe's San Mateo (20 hrs/week)

February 2019 – September 2022

- Balanced full-time study with a part-time job
- Communicated effectively with customers to ensure a positive shopping experience
- Collaborated with co-workers to provide efficient and enthusiastic service to patrons
- Trained four new hires to perform to the best of their ability to succeed in a fast-paced workplace

CLUB INVOLVEMENT

- Computer Science and Artificial Intelligence (CSAI) September 2022 - Present
- Ballroom Dance Club
- Association of Transfer Students
- Multicultural Engineering Program
- Astronomy Club