Sam Artola

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EDUCATION

Florida International University   **Spring 2024**
Bachelor of Science in Computer Science – Software Design & Development Track   **GPA: 3.44**
Certificate in Chinese Studies
Google Tech Exchange   **Spring 2023**
> **Relevant Coursework:** Applied Data Structures, Software Development Studio

PROFESSIONAL EXPERIENCE

FIU STARS Tutor, *Student Tutor*   **September – December 2022**
- Guide students who needed assistance with Java programming to gain an understanding of programming concepts
- Constantly reviewing Java programming skills to provide support more efficiently to students seeking tutoring help

MITRE, *Cyber Futures Intern*   **June - August 2022**
- Created a cyber denial, deception, and adversary engagement training curriculum to help organizations understand and operationalize MITRE Engage.
  - Designed a tabletop board game to provide students an opportunity to apply course concepts in a fun and creative way
  - Considered any corporate and technical bias removes them by making the game in a fantasy setting
- Competed in a Capture the Flag competition to apply cybersecurity training concepts

Break Through Tech Winter Guild, *Student Mentor*   **December 2022**

- Assisted students in troubleshooting assignments and projects using MIT APP Inventor
- Provided guidance and encouragement to mentees' curiosity and questions about FIU's Computer Science program and the tech field

PROJECTS

- **Shell Hacks 2022:** Experimented with Unity and demoed a casual 2D farming game.
- **Java:**
  - Gradebook: Stores user input information of students, teaching assistants, and professors
  - File Converter: Formulated an algorithm that parses and reformats files from txt to csv and vice versa
  - Maze Solver: Finds the shortest path to the finish of a maze from a given position using a Depth First Search Algorithm.
- **C++:**
  - Storage: Performs data analysis on numerical data sets.

ADDITIONAL

TECHNICAL SKILLS: Java, Python, MS Office (Word, Excel, PowerPoint), Windows Installation
AWARDS: FIU Dean's List, Florida Bright Futures Scholarship Program, College Board AP Scholar
LANGUAGES: English (Full Professional Proficiency), Spanish (Limited Working Proficiency), Chinese Mandarin (Elementary Proficiency)