Parker Oria

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Education

California State University Fullerton   Expected May 2027

Bachelor of Science, Computer Science – Concentration in Cybersecurity   3.5 GPA

Relevant Courses:

- Software Engineering – How to organize and follow through on software product development
- Cryptography – Secure and popular encryption algorithms, implementation, and possible flaws
- Data Structures – An overview of different data structures and how to implement them
- Algorithms Engineering – Algorithm design using classical patterns and efficiency analysis

Sonoma State University   August 2022 – May 2024

Bachelor of Science, Computer Science

Projects

Game Console with a Pokémon Style Game

Technologies: C#, Unity, AutoCAD, GitHub

- Worked with a team of 15 to create a handheld console using a Raspberry Pi
- Developed party system, random encounters, and integration

Mini Drone

Technologies: C++, ArduinoIDE, Readytosky Motors, AutoCAD

- Software Lead in a team of 5 to program control over motors
- Collaborated closely with Hardware Lead on researching technologies needed

Refrigerator Tracker App

Technologies: Swift, Xcode, GitHub, Gemini API

- Wrote an app in a group of 3 to track refrigerator contents, expiration dates, and generating recipes
- Integrated the app onto iOS as a software engineering class project

Encryption Algorithm with a User Interface

Technologies: C++, VSCode, g++

- Created a unique encryption algorithm that uses the filename as a key

Technical Skills

- **Languages:** C++, Python, HTML, CSS, Assembly, Swift, C#
- **Software:** Microsoft 365, UNIX, GitHub, Unity, Kryptos

Certifications and Organizations

- Member of the Alpha Lambda Delta Honor Society
- Theta Tau Professional Engineering Fraternity, Phi Epsilon Chapter

Experience

Volunteering as Teacher's Assistant   May 2024 – June 2024

Brentwood Union School District's Extended School Year Program   Brentwood, California

- Supported children with learning disabilities with supplemental education during breaks
- Collaborated with fellow assistants to devise and execute class activities