

# XIA WEBSTER

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## EDUCATION

California Polytechnic State University, San Luis Obispo  
**Bachelor of Science Degree in Computer Science**, June 2025  
Graphics Concentration  
GPA: 3.12

## RELEVANT EXPERIENCE

**User Testing and Female Research Lead** October 2023 – Present  
EDUrain

- Designed and implemented user test methodologies for platform evaluation
- Documented and reported software defects/bugs
- Created platform performance data pipeline integrating BigQuery and Google Looker studio
- Configured and optimized user-tracking tools like Hotjar, Google Analytics 4, Mixpanel to capture granular user interactions and behaviors

**Data Retention Specialist** July 2017 – September 2023  
Reality Documentation Solutions (RDS), Portland Oregon

- Supported and organized company initiative to move all client data to the cloud
- Developed online quote request tool using Google AppScript
- Created public virtual tours deliverables for clients using 3DVista
- Demonstrated teamwork, time management, organization, and communication skills

**Portfolio Website** September 2023

- Created responsive website to adapt to various screen sizes and devices
- Used JavaScript to implement interactivity and dynamic behavior
- Used Git and GitHub to maintain and optimize source code
- Developed HTML structured content and CSS to style and format design

**HEXA Roll Game Programming Project - [Link](#)** January 2022 – March 2022  
California Polytechnic State University

- Built a number puzzle game inspired by 2048 with a five-person team using JavaScript
- Used HTML5 Canvas API to render hand drawn 2D graphics
- Applied data structures to implement game mechanics
- Performed debugging, troubleshooting, error analysis, and unit tests

## SKILLS and QUALIFICATIONS

Fortinet NSE 1 Network Security Associate  
Python, Java, C, JavaScript, React.js, RESTful API, HTML, CSS, Assembly, R  
Object Oriented Programming, Data Structures, Algorithm Analysis and Complexity, Microsoft Windows, Microsoft Office, Google Suite, Google Cloud Console, Google Analytics 4, BigQuery, Google Looker Studio, Hotjar, Jira, Firebase, Visual Studio, PyCharm, IntelliJ, Adobe Illustrator, Photoshop, InDesign, 3DVista Virtual Tour, Version control (Git), Blender, AWS, AutoCAD, Unix