

KENDRICK BYNUM

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Education

Seattle Pacific University

B.S. in Computer Science

June 2025

GPA: 3.11

Technical Skills

Certifications: Google Cybersecurity Certificate, Microsoft Certified: Azure AI Engineer Associate (In Progress), Security+ (In Progress)

Languages/Tools: C++, JavaScript, HTML/CSS, Python, SQL

Tools: Microsoft Sentinel, PowerShell, Wireshark, Kali Linux, VS Code, CyberChef

Projects

WhatColor - Colorblind Assistance App

Sep 2024 – Present

-Implemented AI-powered color matching to suggest complementary color combinations and wardrobe item recommendations (e.g., jacket, shoes, hat).

-Integrated a camera/photo analyzer that detects the dominant clothing color in an image using TensorFlow.js and custom color clustering logic.

-Built a secure user authentication system with password hashing (bcrypt), email OTP-based 2FA using Node.js and Nodemailer.

Cloud-based SIEM Homelab

Dec 2024

-Built a SIEM solution using Microsoft Sentinel to monitor and alert logins to a virtual machine.

-Designed and implemented Kusto Query Language (KQL) queries to track authentication events and detect anomalies.

-Analyzed logs to identify suspicious activity, enhancing security posture through proactive threat monitoring.

AES File Encryption and Decryption

May 2024

-Implemented Advanced Encryption Standard (AES-256) for secure file encryption and decryption.

-Designed a CLI-based user interface for seamless execution of encryption operations.

-Applied secure key management practices to enhance cryptographic security.

Bitwise XOR Encryption

May 2024

-Developed a lightweight XOR-based encryption algorithm for text-based file security.

-Implemented file I/O operations for reading and writing encrypted content.

-Used modular programming techniques to maintain code scalability.

Experience

Avela

Sep 2024 – Present

-Taught around 30 K–12 students coding techniques using Python 5 days a week.

-Educated in computer literacy, fostering an understanding of computer concepts through engaging and immersive lessons.

Climate Pledge Arena - Event Security

Oct 2022 – Present

-Works with a team of 200 to secure events such as concerts and sport games to implement necessary protocols.

-Manage crowds, guide patrons to their seats, assist, and ensure a safe and orderly environment.

-Effectively communicated with fellow security personnel, venue staff, and management to address security concerns.

Leadership & Community Engagement

President - Black Student Union

Sep 2024 – Present

-Led a team of 6 executive board members to coordinate events, workshops, and initiatives to empower Black students and foster diversity on campus.

-Collaborated with campus administration to advocate for policies supporting diversity, equity, and inclusion.

Outreach Coordinator - NSBE

Sep 2024 – Present

-Developed partnerships with local organizations, professionals, and companies to create networking and sponsorship opportunities.

-Organized outreach programs that promote STEM education to K–12 students, increasing engagement and interest in engineering careers.