

# Matthew Tiemersma

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## Summary

Current student enrolled in George Fox University's Bachelor of Computer Science Program with a concentration in Cyber Security. Recognized for possessing a strong passion for group-centric problem solving, performing well in ideation and implementation of creative ideas. Adaptable computer science major eager to join an innovative organization in the capacity of software engineer.

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## Education

### Computer Science w/ Concentration in Cyber Security

George Fox University, Newberg, Oregon

05/2023

- GPA of 3.2
- Servant Engineering Program 2021-2022
- Senior Design Program 2022-2023
- Prominent Coursework:
  - Study of Data Structures
  - Analysis of Algorithms
  - Database Design
    - PostgreSQL
  - Data Communications and Networking
    - Subnetting and Network Design
  - Software Engineering
  - Computer Forensics
  - Computer Architecture
  - Operating Systems
  - Parallel and Distributed Computing
  - Programming Languages
  - Ethical Hacking
  - Network Administration
- Concentration in Cyber Security
- 3 consecutive years as competitor in the Intercollegiate Computer Programming Competition.
- 3 consecutive years as competitor in the Cyberskyline National Cyber League competition
- Competitor in Department of Energy Cyberforce competition

### Mathematics and Computer Science

Port Angeles High School, Port Angeles, Washington

06/2019

- 3.998 GPA
- Honors and Advanced Placement Track
- Precalculus and Calculus Courses through University of Washington.
- Accelerated coursework track in Mathematics
- 4 year coursework in Programming and Computer Science
- 4 year student athlete - Mens Swim and Dive Team
- 4 years on student council, Associative Student Body council, and leadership program as Treasurer and Sargent at Arms.
- Recognized by the Port Angeles ED program for outstanding academic achievement.
- Recognized by the Port Angeles Rotary Club for outstanding academic achievement.
- Academic Honors awarded in:

- General Academics
  - Mathematics
  - Science
  - Foreign Language
  - Special Coursework
    - Computer Science
    - Game Design
    - Video Game Programming
    - Graphic Novel Design
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## **Skills**

Customer service, Management, JAVA, C++, Scala, Python, Lua, PostgreSQL, Software Development, Database Development, Cybersecurity, Network Engineering, Graphic Design, 3D Graphics, Concept Art, Character Design, 3D Asset Design, Clojure, Haskell, Parallel Computing, Distributed Computing, Computer literacy, Time management, Communication skills, .NET

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## **Experience**

### **Threat Dynamics**

Set Designer, Sherwood, Oregon

04/2022 - Present

Designed and optimized graphical assets, implemented system features, and managed visual assets for various projects.

### **Shore Aquatic Center**

Head Guard/Lifeguard, Port Angeles, WA

09/2016 - 08/2021

Despite beginning as an entry level job to invest in my highschool years, this job evolved into a vital opportunity to develop univeraslly applicable skills. I was in charge of leading a team of lifeguards and performing a supervisory duty to make sure our aquatic facility was safe. Over the years I developed my ability to be a leader, to continue learning ever-changing workplace-applicable information, and work with patrons and employees alike in tense or stressful stituations.

### **NDCAFY Startup**

Asset Designer and Software Developer, Newberg, Oregon

10/2019 - 05/2020

Myself and a team of students started developing a graphics engine, later to be the foundation for a video game. While the project after almost two years fell to the sidelines, it was a valuable experience while I was a new college student to learn how to work with a team with diverse experience and work style, and to collaborate on software development projects. It was also an interesting experience to move forward towards goals that were still nebulous, and learning how to make concrete progress with no concrete end point.

### **Freelance Graphic designer**

01/2016

I took on small-scale commission work in numerous mediums, from 3D design and rendering, to vector and raster work. I took on asset creation, CAD creation, concept art, corporate or personal logo design, and general scene/portrait work. What started as a hobby has helped me develop adaptive time management skills, setting realistic goals, meet deadlines, and consciously put forth my best effort to represent my work to my greatest capacity.

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## **Languages**

French, English

