

Andrzej Dawiec

U.S. Army Reserves | Computer Science Major | University of Washington Bothell

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TECHNICAL SKILLS

Programming Languages: C++ · Java · Python · Objective-C · JavaScript · NoSQL · React

Applied Skills: Machine Learning · Software Engineering · Data Science · Management · Leadership · Technical Writing · Algorithms · Probability · Statistics · Databases · iOS/macOS application frameworks · UIKit/AppKit/SwiftUI

EDUCATION

University of Washington

Bothell, Washington

Bachelor of Science in Computer Science and Software Engineering

September 2020 – March 2024

GPA: 3.78/4.0 · Annual Deans list

Coursework: Computer Programming · Statistics · Cybersecurity · Technical Writing · Data Structures · Mathematics · Database Systems · Intro to Data Studies · Software Engineering · Hardware & Operating Systems · Data Processing

SOFTWARE DEVELOPMENT EXPERIENCE

United States Army Reserve

San Diego, California

Information Technology Specialist

November 2024 - Present

Intelligent Networks Laboratory

Bothell, Washington

Undergraduate Research Assistant

June 2023-August 2023

- Collaborated on the Graphitti project in the Intelligent Networks Laboratory, focusing on graph-based high-performance simulations for neuroscience and emergency systems.
- Engaged stakeholders to inform strategic design decisions and enhance usability.
- Developed an onboarding guide, reducing team onboarding time significantly.
- Implemented GitFlow, improving version control and collaboration.
- Optimized build efficiency by 86%, cutting build time from 3 minutes to 25 seconds.
- Delivered comprehensive system documentation using PlantUML.

SOFTWARE & DESIGN PROJECTS

Total Body Athletics Gym Application, Databases

September – December 2023

- Successfully created using HTML, Python, MySQL, and AWS database to store information with a team of 3.
- Easy to use tool for managing gym operations through customer and employee experiences.
- Effectively collaborated and implemented gym structures and data creation through AI.

SportLink Application, Hackathon

May 2023

- Website made for easy joining, creating, and discovering local sport games with team of 3.
- Utilized JavaScript, React, Leaflet, geolocation API, and HTML/CSS to develop key features.
- Outlined strategic road map for enhanced functionality and user engagement.

Hunt the Wumpus, Fundamentals of Computing

June 2022

- Programmed a text-based adventure game where a player moves between 20 rooms and hunts the Wumpus.
- Using C++, each room has three exits to other rooms in which bats, caves or pits exist.
- Implemented advanced data structures to perform room-to-room interactions with multiple objects in each room.

MessageBoard 21

November 2019 – December 2020

- This application allows you to broadcast your messages to any devices connected to the same Wifi network that are running MessageBoard 21 app.
- Available on iOS, iPadOS, macOS, and AppleTVOS.
- Trending #121 on Mac Appstore under “lifestyle” category in November 2020.
- Gained valuable experience in marketing and professional software development.

ADDITIONAL SKILLS

- Bilingual (English and Polish)
- Solution-Oriented
- Fast learner with high intrinsic motivation
- Microsoft Word, Excel, PowerPoint
- Empathetic and creative
- Team manager and active listener