Adrian Kawa

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EDUCATION

Bachelor of Science in Computer and Information Sciences   Graduated August 2023
Harrisburg University of Science and Technology, Harrisburg PA

SKILLS

• **Programming:** Python, Java, Java Script, Android, Unity, C#, GitHub, JSON, C++, SQL, MySQL, HTML, Elixir, Prolog, React, CSS, C, Git, Excel, Tableau

• **Computer Science:** Networking, Debugging, Testing, Organizations of new projects, Data Structures, Object Oriented Coding, Functional Programming, Algorithms, Software Design, Databases, Optimization

• **Operating Systems:** Windows 10, Linux

• **Languages:** Beginner/Intermediate Polish

EXPERIENCE

Software Developer Research Assistant - [Portfolio](#)
Harrisburg University of Science and Technology, Harrisburg PA   May 2023 - Present

• Researching Bacteria cellular shape, motility, growth, and viability to help create software that measures and classifies cells

• Creating code that would enhance image analysis and other research results

• Collaborate and communicate with team members to understand and solve complex problems, related to the goals of the lab

• Delivered clean, organized, and readable code to clients

• Participated in a collaborative agile/scrum environment

Varsity Esports Athlete - [Portfolio](#)
Harrisburg University of Science and Technology, Harrisburg PA   Sept. 2019 – Present

• Received a full esports scholarship for academic competition in Overwatch

• Working in a highly competitive team setting, responsible for playing at the highest level of competition in over 24 tournaments

• Overwatch National Tespa Champion and Overwatch National NACE Champion

• Organized team events and practices also strategically led team reviews to strengthen overall team play and performance

Esports Player under XL2 - [**Portfolio**]   Feb. 2019 – Aug. 2019

New York Excelsior Academy Team, Remote

• Dedicated professional in Overwatch that obtained a spot on one of 8 salaried teams in North America

• Highly diverse team environment working with Korean and European teammates

• Remanded calm and focused during high-stress environments for competitions and practices

• Strong sense of teamwork and communication skills

PROFESSIONAL PROJECTS

Kickochet in Unity - [**Demo**]   July 2023 – August 2023

• Placed top 200 out of 7000 game entries in the 48-hour GMTK 2023 Game Jam

• Created core mechanics such as bullet controls, obstacle systems, level design, and Blender 3D models

Website Creation - [**Demo**]   April 2023 – Present

• Created website for self and freelance work using React, JavaScript, HTML, and CSS

• Created websites with clean, organized, readable, deliverable code to clients

Snake AI using Pytorch - [**Demo**]   March 2022 – May 2022

• Created a fully functioning artificial intelligence that plays the video game "Snake", using PyTorch and machine learning techniques

• Developed a 20-page report explaining deep Q-learning, reinforcement learning, and code breakdowns

AWARDS

• Deans List, Harrisburg University of Science and Technology Spring and Fall 2020