

IAN PIKE

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EDUCATION

LAKELAND COMMUNITY COLLEGE

Bachelor of Computer Science/Software Engineering

Major in Computer Science/Software Engineering; Minors in Business Administration

Relevant Coursework: Data Structures; Software Engineering; Operating Systems; Algorithms

Kirtland, OH

Expected May 2026

WORK EXPERIENCE

TERVES INC.

Machinist/Foundry Worker

Euclid, OH

Mar 2021 – Nov 2022

- Developed a strong attention to detail by operating precision machinery and ensuring production accuracy.
- Followed and enforced strict safety protocols in a high-risk environment.
- Collaborated with cross-functional teams to improve workflows and enhance efficiency.

STAPLES INC.

Technology Associate & Technical Customer Support

Mentor, OH

2019 – 2020

- Provided technical expertise by diagnosing and resolving hardware and software issues, ensuring seamless customer experiences.
- Streamlined workflows and supported technology adoption to drive sales and improve client satisfaction.

PROJECTS

CCMATH - A HIGH-PERFORMANCE COMPILE-TIME MATH LIBRARY FOR C++

Feb 2024 - Present

- Developed a high-performance C++17 compile-time math library, optimizing complex calculations for speed and accuracy.
- Implemented rigorous testing and CI/CD pipelines, ensuring reliability and seamless integration for developers and complete cross platform and cross compiler support.
- Earned recognition within the C++ community for innovative design and advanced functionality.

IMPACT - A CROSS PLATFORM GAME ENGINE

Jan 2025 - Present

- Developing a robust and adaptable game engine using C++ and C#, designed for seamless cross-platform functionality.
- Integrated support for Vulkan and DirectX rendering backends, ensuring high-performance graphics across platforms.
- Emphasizing modularity and developer-friendly tools to streamline game creation and customization.

ACTIVITIES

SKILLSUSA LAKELAND

President & Founder

Kirtland, OH

2018 – 2022

- Founded and led SkillsUSA Lakeland, mentoring members to achieve national championships and establishing the chapter as a leader in professional development.
- Spearheaded campus-wide initiatives, earning recognition as a top leader in career readiness and student success.
- Built strategic partnerships with faculty and local organizations to secure resources and expand opportunities for members.

ADDITIONAL

Technical Skills: Advanced in C++ (3 years), C# (4 years), SQL, Git; Proficient in Python, C, Jira, Perforce, UML, SDLC

Languages: Fluent in English

Certifications & Training: ISYS Computer User Certificate: 2402, ISYS IT Foundations Cert: 2401, ISYS IT Professional Cert: 2404, ISYS IT Specialist Certificate: 2403.

Awards: SkillsUSA Won SkillsUSA Computer Programming State Competition (2019, 2022); Won Hyland Softwares Hackathon against 100+ competitors in a team of 4 people. (2020)