Gerald (Jerry) Kaufman

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Game Developer currently completing a BS degree in Game Programming with a minor in Mathematics. Proven history of engaging with customers and online users to understand needs, identify problems, and execute on innovative solution strategies. Adept at collaborating with designers, artists, developers, and end users to optimize gaming experience. Excellent written and verbal communicator with bilingual language skills in English and Spanish.

TECHNICAL SKILLS

Advanced: C++, C#, Java, Unity Game Engine, Microsoft Excel, Excel Pivot Tables, Git, Git LFS, SVN

Intermediate: OpenGL/GLSL, Objective-C, Unreal Engine (UE)

EDUCATION

Bachelor of Science (BS) in Game Programming, *Minor in Mathematics*
Champlain College, Burlington, VT (Expected 05/2026)

GPA: 3.62 Cumulative

Completed/Current Coursework: Introduction to Programming, Advanced Programming, Intro to Game Programming, Data Structures & Algorithms, Intro to Modern Graphics Programming, Game Studio, Game AI, Game Physics, Interdisciplinary Graphics, Capstone Course, Calculus I, Discrete Math, Linear Algebra, Numerical Methods, Linear Algebra, Calculus II

PROFESSIONAL EXPERIENCE

OVR TECHNOLOGY., Burlington, VT   05/2024 – 07/2024
Software Developer (Independent Contractor)
Developed custom gameplay mechanics for a Minecraft mod (Java) that integrated functionality for the soon-to-be released Omara device from OVR.

- Collaborated with people across multiple disciplines to create a collective experience using level design, narrative and custom dialogue options to create a cohesive experience.

BUDDERFLY INC., Shelton, CT   05/2024 – 08/2024
Programming Engineering Intern
Led the software development for a Java Swing application that programmed commercial air conditioning units. Oversaw all testing and distribution process to higher ups. **(Patent pending for application)**

- Developed tool that by end of internship was cited to reduce manual programming time by 90% and reduced error rate by 100%

BUDDERFLY INC., Shelton, CT   06/2020 – 08/2020
Data Analyst
Interfaced with client leaders and business stakeholders to gather requirements, document rules, and develop use cases in alignment with business needs. Oversaw database administration, data quality, and data flow integrity.

- Applied statistical methods to analyze data, extracted and interpreted data patterns, and translated findings into actionable insights.
- Used data visualization tools and created Pivot Tables in Excel to communicate opportunities for improving business outcomes to key stakeholders.