

Dominic Calkosz

dmcdominic@gmail.com | Dominic-Calkosz.com

EDUCATION

Carnegie Mellon University **Pittsburgh, PA**

B.S. in Computer Science, Minor in Game Design

Dec. 2020

GPA: 4.0

Notable coursework: Game Design, Computer Game Programming, Computer Graphics, “Game Design, Prototyping, and Production”, Intro to Video Game Analysis, Distributed Systems

Greenwich High School **Greenwich, CT**

GPA: 4.8/5.0 | ACT: 36 | SAT Subject Tests: Math 2 (800), Physics (800)

June 2017

Notable coursework (AP): Computer Science A (5), Physics 1 (5), Physics 2 (5), Physics C: E&M (5), Physics C: Mech (5), BC Calculus (5), Macroeconomics (5), Microeconomics (5)

Columbia University Summer Program, “Mathematical Bootcamp for Budding String Theorists” *2016*

Johns Hopkins CTY Summer Program, “Game Theory”, “Number Theory” *2014, 2015*

PROFESSIONAL EXPERIENCE

Blizzard Entertainment, *Senior Game Designer, Unannounced Game* *Sept. 2023 - present*

Game Designer, Hearthstone Battlegrounds *Jan. 2021 - Sept. 2023*

Game Design Intern, Hearthstone *May - Aug. 2019, 2020*

- Led design and development for Battlegrounds Duos and 5 other Battlegrounds seasons.
- Worked on 6 Hearthstone sets, 11 Battlegrounds seasons, and unannounced content.
- Developed new gameplay systems to renew novelty, grow design space, and push genre boundaries.
- Designed new card sets, including mechanics, themes, art descriptions, and voicelines.
- Implemented content and fixed bugs using Unity, C#, C++, custom tools, and scripting languages.
- Prepared and ran playtests with 50+ participants, aggregated feedback, and iterated accordingly.
- Collaborated with designers, engineers, artists, QA, researchers, product managers, and others.

The Game Agency, *Junior Web Developer* *June - Dec. 2018*

- Developed and improved corporate training and education games using JS, HTML, and CSS.
- Worked with tools such as Gulp, GitLab, and Jira, as well as Python and Linux shell scripting.

PROJECT EXPERIENCE

Game Creation Society (CMU), *President, Designer, Programmer* *Fall 2017 - Winter 2020*

- Led small interdisciplinary teams to create original video games each semester.
- Ran large events and managed 6 officers. Developed org website from scratch.

Cognitive Development Lab (CMU), *Research Assistant* *Fall 2017 - Winter 2020*

- Designed & coded video games in Unity to enhance cognitive control in children.

ACTIVITIES & ORGANIZATIONS

Boy Scouts of America, *Eagle Scout, Assistant Senior Patrol Leader* *2011 - 2018*

Planned and led meetings and camping trips; instructed younger scouts; performed community service.

GHS Computer Science Team, *President* *2016 - 2017*

GHS Science Team, *Captain*, Northeast Science Bowl at UCONN (March 2016, 2017) *2015 - 2017*

GHS Math Team, *A-Team Competitor*, NEAML (April 2015, 2016, 2017) *2013 - 2017*

SKILLS & INTERESTS

Programming Language/Software Experience: Unity [w/ C#], Git, C, C++, Python, Java, web development [w/ JavaScript, HTML, CSS], Jira

Interests: Piano, electronic music production, theoretical computer science, philosophy, veganism, biking.