

Ryan Casement

(925) 786-6183 | ryancasement7@gmail.com

Education

Bachelor of Innovation in Game Design & Development

December 2021

Focus: Creative Communication

University of Colorado Colorado Springs

Minor in Creative Writing

Innovation Core Classes

ENTP 4500 Entrepreneurship and Strategy

INOV 4010 INOV Team: Design & Lead

The Senior-level team's course which placed an emphasis on leading and designing a team-based project.

- Client: The Mereon Legacy, CIC
- Client Contact: Bodil Larsen-Ledet
- Scope of Work: Design a web-based video game for primary education students between the age of 6 and 12.
- Outcomes: Produced several high-level design documents outlining the major features and themes of the game. Produced a design specification document which outlined the major features, necessary server capacity, basic gameplay, and graphical guidelines. Produced a minimal functionality prototype which demonstrated the user interface and the graphical style of the game.

INOV 3010 INOV Team: Research & Execute

The Junior-level team's course which placed an emphasis on subject research, team performance, and personal improvement.

- Client: Matt Ellision, LLC
- Client Contact: Matt Ellison
- Scope of Work: Produce a comprehensive marketing plan for the client's indie game. Produced multiple pieces of marketing media. Produced a 6-month plan for developing a strong brand presence and connecting with a consumer audience.

INOV 2010 INOV Team: Analyze & Report

The Sophomore-level team's course which placed an emphasis on team analysis and building a basic understanding of team dynamics.

- Client: Solid Blue Love
- Client Contact: Heather-Dawn Johnson
- Scope of Work: Produced several design documents for the client's app. Produced multiple visual design documents to improve the visual appeal of the app. Produced several documents outlining the intellectual property laws of spoken words to facilitate the development of the app.

INOV 2100 Tech Writing, Proposals & Pre
BLAW 2010 Bus/Intellectual Property Law
INOV 1010 The Innovation Process
ENTP 1000 Intro to Entrepreneurship

Game Design & Development Major Classes

GDD 4900 Commercial Game Devt Practicu

GDD 3100 User Interface Design

GDD 3600 Developing Serious Games

GDD 3400 AI for Games

GDD 3200 Team-Based Game Test & Depl

GDD 2150 Fundamental Game Des Concepts

CS 3350 Team-Based Game Production

GDD 3000 Game Story and Narrative

GDD 3000 3D Animation

GDD 3000 Principles of 2D Animation

CS 2250 Adv Data Struct in C++

GDD 2200 Obj Oriented Anal, Des & Impl

GDD 2100 Game Design for Diverse Pops

CS 2300 Computational Linear Algebra

GDD 1200 Intro Prog for Game Dev

GDD 1100 Intro to Game Development

Creative Communication Cross-Core Classes

COMM 3440 Organizational Leadership

COMM 1020 Interpersonal Communication

MUS 2150 Electronic & Computer Music I

VA 1040 Beginning Drawing

Creative Writing Minor Classes

ENGL 4100 Advanced Fiction Writing

ENGL 3911 Fairy Tales: Lit Film Theory

ENGL 3050 Interm Creat Writing Fiction

ENGL 2050 Intro to Creat Writing Fictio

ENGL 1800 Fund of Creative Writing

ENGL 3030 Interim Creat Writ Poetry

ENGL 2030 Intro to Creatv Writing Poetr

General Education Classes

ENGL 1310 Rhetoric and Writing I
MATH 1350 Calculus I
PES 1110 General Physics I Calc Base
PES 1160 Adv Physics Lab I Calc Base

General Education Classes Cont.

BIOL 1300 Gen Biology: Organismic Biol
GES 1000 Env Sys: Climate & Vegetation
MATH 1050 Elem Functions for Calculus
GPS 1010 Unreality of Intelligence

Technical Skills

Design: Unity (advanced), GameMaker Studio 2 (proficient)

Programming: C# (advanced), Python (proficient)

Collaboration: MS Teams (proficient), Github (proficient)

Writing: Technical writing (proficient), Rhetorical writing, (proficient), Creative writing (Advanced)

Creation: Maya (proficient), Krita (advanced), Adobe Premiere (basic)

Relevant Work

Videographer and Video Editor – Ty Marbut Communications

Volunteer Youth instructor of Martial Arts – East West Bok fu Do

Volunteer home building work to help address homelessness in Mexico – Rolling Hills Community Church, Danville CA

References

Colleen Stiles, Ph.D, Co-Director of the Bachelor of Innovation Program

UCCS College of Business

University of Colorado Colorado Springs

Ty Marbut, Instructional Video Executive Producer

Ty Marbut Instructional Video

Reed College, Portland OR

Dana Wortman, Senior Instructor

UCCS Department of Computer Science

University of Colorado Colorado Springs

Christopher Malec, Instructor
UCCS Department of Computer Science
University of Colorado Colorado Springs