## PROFILE

Enthusiastic second-year video game design student with a passion for creating engaging experiences. Proficient in key design concepts and development tools, and adept at collaborating among interdisciplinary teams. Eager to apply skills and gain hands-on experience through an internship, contributing my abilities and learning from those experienced in the craft of game design.

## SOFTWARE SKILLS

#### **DEVELOPMENT TOOLS**

- Unreal Engine 5 [Blueprints]
- Unity [C#]
- Perforce
- Web Development [HTML, CSS, Javascript

#### **PROJECT MANAGEMENT**

- Jira
- Trello

## AWARDS

• Yl Best Design for a 7-week multi-disciplinary project, Smash Balls, from Breda University of Applied Sciences.

# **EDDEN LAV**

## GAME DESIGN

## EXPERIENCE

#### PROJECTS

Projects displayed on following page. Produced a total of 6 University Projects, 2 of which are detailed extensively.

#### **GAME JAMS**

Various Game Jams | Mar 2018 - Ongoing

- Engaged and produced submissions for **21 game jams**, involving the production of a small game within a defined time period.
- Experience in Unreal Engine, Unity, PICO-8, and selfdeveloped web & grid-based engine.
- Wide variety of experiences, individually and within multi-disciplinary groups.

## EDUCATION

#### **Breda University of Applied Sciences**

Bachelors in Creative Media and Game Technologies | Sep 2022 - Expected Graduation June 2026

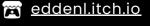
- Game Design and Production specialization. [primarily System & Technical design]
- Experience in Unreal Engine 5, Perforce, and similar industry standard tools.
- · Participation in multi-disciplinary group projects, utilizing SCRUM framework. Collaboration with artists and programmers in the implementation of game features, visual elements, animations, ect.
- Instruction from industry veterans.
- GPA: 3.89

#### **DC International School**

IB Diploma Program | Sep 2018 - July 2022

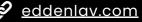
- Utilized project-based learning opportunities to explore game design and development.
- Chinese (Mandarin) language track.
- Weighted GPA: 4.88

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<u>Edden Lav</u>



## EDDEN LAV

## GAME DESIGN

## PROJECTS

### MATCH 3 ROGUE | SYSTEM DESIGN. TECHNICAL DESIGN.

University Project | Sep 2023 - Oct 2023

- Solo project built using Unreal Engine 5.
- Designed core gameplay loop, involving twin-stick combat and overlapping match 3 system.
- Designed enemies aligned with design pillars of simplicity and target prioritization.
- **Designed difficulty progression**, introducing new enemies in rising quantities as players progress.
- **Designed reward systems and meta-progression**, allowing players to augment their abilities and produce item synergies.
- **Designed UI/UX** to convey integral gameplay information.
- **Performed playtests and iterated** accordingly, using feedback from players and fellow designers to alter and improve the game's ability to reach the intended player experience over time.
- Utilized Miro for early ideation and sketching throughout the development process. Produced design documentation for communicating design using Microsoft Office software.

## SMASH BALLS | 3Cs DESIGN. TECHNICAL DESIGN.

University Project | May 2023 - June 2023

- Group project involving 5 designers, 6 artists, and 3 programmers, working within Unreal Engine 5.
- Worked alongside fellow designers to produce an initial pitch and define core gameplay.
- Created **early prototypes** and **feature spec** documentation to convey and experiment with important functionality.
- **Designed complex unique 3Cs** inspired by the selected target game, creating a character and controls that feel **intuitive** while providing the **depth for skill expression**.
- Partook in SCRUM framework, utilizing Jira, for project management.
- **Performed plentiful playtests**, aiming to create satisfactory 3Cs accessible for new players while providing a breadth of action space, **iterating in an informed manner** based on such feedback.
- Supported artists in the technical implementation of character models, animations, Niagara particles, and more within Unreal Engine 5.

#### HIGH NOON SALOON | SYSTEM DESIGN. TECHNICAL DESIGN.

#### Game Jam Project | Feb 2023

- Group project involving 6 designers and 1 artist, utilizing Unreal Engine 5.
- **Designed core game loop**, managing a series of customers, accurately serving drinks, and dealing with any aggressive customers.
- **Designed and implemented customer systems**, with customers appearing at greater intervals and in greater numbers depending on the player's score, becoming aggressive and attacking the player if requests aren't met.
- **Designed and implemented score system**, with players gaining score for serving customer requests, and losing score when failing to do so, whether requests aren't provided in time or customers are attacked.