

## Contact

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(LinkedIn)

## Top Skills

Game Programming

Computer Science

Teamwork

## Certifications

Game Design Foundations: 1 Ideas,  
Core Loops, and Goals

Game Design Foundations: 2  
Systems, Chance, and Strategy

Game Design Foundations: 3 Pitch,  
Propose, and Practice

# Arzu Mert

Physics Programmer, Game Developer  
Bursa, Turkey

## Summary

Dedicated Game Developer focusing on creating innovative and engaging gaming experiences. Strong foundation in computational physics, complemented by actively developing proficiency in programming languages such as C, C++, and C# and enhancing skills in Unity3D, multithreading, optimization, software development, and game development competencies. Recognized for outstanding problem-solving abilities, meticulous attention to detail, an innovative mindset, and a collaborative approach. Eager to contribute robust technical skills and a creative perspective to dynamic gaming projects.

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## Experience

### Self-employed

Indie Game Developer

October 2023 - Present (4 months)

Bursa, Turkey

Programming a basic physics engine, showcasing ongoing expertise in physics programming and real-time simulation in gaming.

Designing and developing a unique 2.5D game blending visual novels and tabletop RPG elements, featuring innovative physics and music puzzles to engage and challenge players.

### Multiplayer

Game Developer

December 2022 - September 2023 (10 months)

Istanbul, Turkey

### Cube Games

Game Developer

March 2022 - September 2022 (7 months)

Remote

Kirçılar Vocational and Technical Anatolian High School

### Chemistry Teacher

October 2021 - November 2021 (2 months)

Bursa, Turkey

Instructed high school Chemistry courses, delivering comprehensive and engaging lessons to students.

### Dumbbell Games

Game Developer

June 2021 - August 2021 (3 months)

### RADAP Radiation Technologies

Computational Physicist

March 2020 - January 2021 (11 months)

Bursa, Turkey

### Özel Bursa Çakır Okulları

Physics, Math and Computer Science Teacher

August 2018 - August 2019 (1 year 1 month)

Bursa, Turkey

### Bilkent Erzurum Laboratory School

Physics Teacher

June 2019 - July 2019 (2 months)

Erzurum, Turkey

### Bilkent Erzurum Laboratory School

Physics Teacher

June 2018 - July 2018 (2 months)

Erzurum, Turkey

### Istanbul Bilgi University

Part-Time Physics Lecturer

September 2017 - June 2018 (10 months)

Istanbul, Turkey

### IRADETS

Computational Physicist

February 2015 - May 2015 (4 months)

### IRADETS

Computational Physicist

May 2014 - December 2014 (8 months)

Bogazici University

Research Assistant

October 2006 - February 2014 (7 years 5 months)

Department of Physics

Veripark

Junior Software Development Specialist

2000 - 2001 (1 year)

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## Education

Bogazici University

Ph.D. Candidate, Physics · (2007 - 2021)

Bogazici University

M.S., Physics · (2004 - 2007)

Bogazici University

BSc., Physics · (1993 - 2001)