



**Empowering Amazing  
Futures in Computer Science**



**A proud vendor of the Westside Regional Center**

**[www.GameGen.com](http://www.GameGen.com) - 5155 Rosecrans Ave Suite 101 - Hawthorne, CA - 1.833.426.3436**

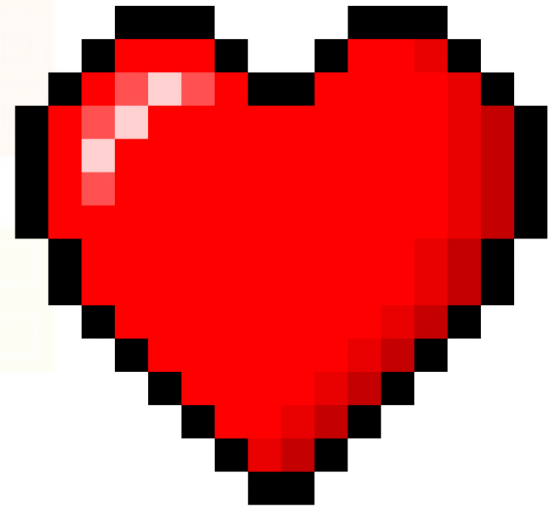


# Our Mission

**Computers have the power to change the world. Learning computer science has the power to change a life.**

Game Gen provides vocational job training, academic support, and product development in the field of computer science. Our mission is to create a productive community that provides an educational pathway for individuals to achieve meaningful lives through valued employment and life-long friendships. Our ultimate goal is to see our collective to lead creative, financially independent, socially connected, and preferred lives.

Game Gen offers 3 programs in the field of computer science. Each program is uniquely designed to identify and strengthen skills in coding, art, and computer science through video game creation.

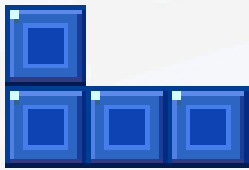


## Jobs In Computer Science

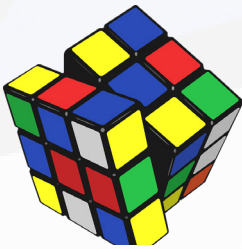


# Our Programs

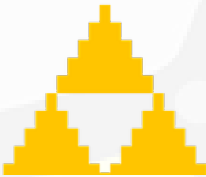
Each program encompasses one year of vocational training in the field of computer science and is designed to teach the appropriate work skills, social skills, necessary to pursue vocational opportunities and experiences within the video game & software industry.



## Video Game Coding and Design Program



## Video Game Art and Design Program



## Computer Science Program

**Amazing Campus**





# Video Game Coding and Design Program

Here students will learn to code and design their own video games!

Game Gen's Coding and Design Programs is designed to provide students with the knowledge and skills necessary to become programmers and game designers. In this program, students will explore the entire video game production process. They will create many fully playable games of their own design. These games will be published online for anyone to play. Students will build a portfolio of their games they can use to gain employment in the software industry.



## Areas of Study

- Coding and Logic
- Game Design Theory
- Game History
- Game Publishing
- Marketing
- Portfolio and Resume Creation



**Find A Career**

# Video Game Art and Animation Program

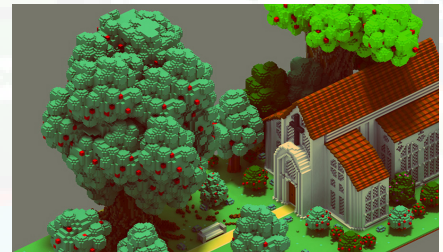
This program teaches students the skills to pursue a future in video game art and animation by teaching them how to conceptualize, create and implement video game art in both 2D and 3D games.

The Video Game Art and Animation Program provides a complete study of the evolving processes used in professional art and animation production. The project-based learning environment gives students with opportunities to create and publish their own games for all major consoles and PC.



## Areas of Study

- 2D and 3D Art
- Character Creation
- Environment Creation
- FX
- Video Editing
- Animation

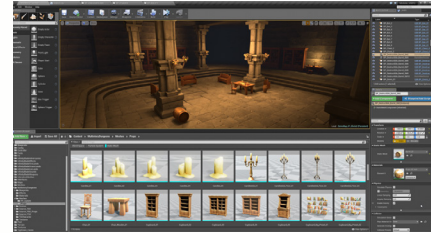
A large, vibrant background image for the bottom section of the page. It depicts a futuristic space scene with several sleek, white and black spaceships flying through a dark, star-filled sky. In the background, a large, glowing orange and yellow planet with a cracked, molten surface is visible. The overall aesthetic is high-tech and cinematic.

**Make Amazing Games**



# Computer Science Program

This program equips students with the advanced software, programming, and design knowledge needed to create their own video game engines and artificial intelligence applications.



Game Gen's Advanced Computer Science Program provides the focused knowledge and understanding needed to integrate and deploy modern video game development code and mixed reality applications. Students will also learn the basics of machine learning and artificial intelligence.

## Areas of Study

- Rendering
- Shaders
- Lighting and Shadowing
- Mixed Reality
- Artificial Intelligence
- Machine Learning
- Mixed Reality

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  var n=d.createElement(s),e=d.getElementsByTagName(s)[0];
  n.id=l;n.src="//js.hs-analytics.net/analytics/"+QMath.cell(n
Data(r,r)*r)+
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<!-- End of Async HubSpot Analytics Code -->
</body>
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**Learn The Latest Tech**



# Information

## Entrance Criteria

- Individual must be 18 or over with a diagnosed developmental disability.
- Must express an interest in any of the following: technology, math, coding and/or logic.
- Individual does not present a danger to themselves or others.
- Must have appropriate funding secured, either by the Regional Center or by private payment.
- Individual demonstrates social, interpersonal, and communication skills necessary for vocational or work-related training in the software development industry.
- Has the ability to communicate verbally.
- Individual demonstrates willingness to fully participate for the duration of the program.
- Does not require one-on-one intervention and/or prompting for safety, behavioral support or comprehension.
- Individual is willing to work on independent mobility skills to get to and from the program, as can be done safely.
- Individual is willing to seek employment after graduation in the computer science industry.

## Career Services

We work with students on career development, independence, and social skills. Game Gen assists students in the job search process by helping them to prepare their resumes/portfolios and to research the job market. We mentor our students to develop networks that can lead to meaningful employment.







**Take what  
you love and  
turn it into  
a career in  
computer  
science.**

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