





# Giovanny Cerna

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 <https://github.com/giocerna5>

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## EDUCATION

Bachelor of Science in Computer Science   California State University, Monterey Bay   Expected: 2020

## RELEVANT UNDERGRADUATE COURSES

Object Oriented Programming, Data Structures & Algorithms, Multimedia programming, Physics of Computing.

## TECHNICAL SKILLS

**Programming Languages:** C++ (Proficient), Python (Beginner), Java (Beginner)

**Tools:** Unity, Git, Github, SFML, Google App Engine, HTML/CSS

**Interests:** Game Development, Machine Learning, Web Development, Full Stack Development

## GITHUB PROJECTS

### **Giocerna5/ConsolePong » <https://github.com/Giocerna5/ConsolePong>**

- Led my group in the creation and design of a pong game.
- To ensure deadlines were met, I organized the workload evenly between the team members and helped others with their tasks.
- The paddles and background code were written by me using the SFML API.
- Technologies used: C++, SFML API.

### **Giocerna5/t29-filters » <https://github.com/Giocerna5/t29-filters>**

- Was in charge of organizing and managing the team.
- Responsible for the features that included photo filters and the ability to upload and save the edited photo.
- Technologies used: Python, Pyqt5.

## OTHER PROJECTS

- Developed and created a C++ text based version of Hangman.
- Currently working on a C++ graphical version of Hangman using the SFML API.

## INVOLVEMENT

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|--|-------------------------|
| • Participated in Google's Computer Science Summer Institute Extension | July 2017 - August 2017 |
| • Member of the CSin3 cohort-based 3-year CS Bachelor's degree program | August 2017 - Present   |
| • Member of CSUMB's programming team                                   | January 2018 - Present  |
| • ACM ICPC Pacific Northwest Regional Competition at UC Berkeley       | November 2018           |

## ACHIEVEMENTS

- Hartnell College Scholarship recipient 2016
- Hartnell College Dean's List 2016-2017
- Hartnell College President's Honor Roll 2017-2019
- CSin3 Matsui Scholarship recipient 2017 - Present

## ADDITIONAL INFORMATION

- Languages: English (fluent), Spanish (basic)
- Interests: Bearded Dragons, Coding, Video Games, Sports