

Mike Claros

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GitHub: <https://github.com/mikeclaros>

Github-pages: <http://mikeclaros.github.io>

EDUCATION

California State Polytechnic University, Pomona – Pomona, CA

Graduation Date: December 2015

Bachelors of Science in Computer Science

Minor in Mathematics

PROGRAMMING AND TECHNOLOGIES

Platforms: Windows, Linux

Languages: Intermediate: Java , C++ , Python

Novice: C#, Javascript, PHP, SQL, Bash and other shells

Miscellaneous: Git, Doxygen, Visual Studio, IntelliJ, Eclipse, PyCharm, Netbeans, Notepad++

SOFTWARE DEVELOPMENT EXPERIENCE

PERSONAL PROJECTS

- **2D Platformer game in C++:** *Made a simple level utilizing the SFML library. character controls, physics elements for character's movements, and **collision detection** between player and obstacles for a small 2D game using C++ and SFML. Implemented timing conditions to create physics. Created header files to create **custom collision detection** for game.*
- **Chat client in PHP and MySQL:** *Working on a small web chat client using **php** and **mysql**. Used WAMP stack to set up server. Work in progress.*

HACKATHONS

- **CitrusHack 2015:** *Group project: Created an infinite runner game. Used Unity3D API and C#, worked on the **physics** concepts for runner to create movement, wall jumping mechanics, and platform movement.*

SCHOOL PROJECTS

- **Computer Graphics:** *Group project: Created a **3D game**, implemented procedural content generation and frustum culling concepts to create randomized levels using **Java** and **LWJGL** (Light Weight Java Game Library).*
 - **Database Systems:** *Understanding of **database design**. Designed and tested small systems.*
 - **Computer Networks:** *Group project: Studied and integrated C++ **Boost library API** to set up ports for a handshake-system between client and server.*
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Other Job Experience

Materials Handler: Macy's Los Angeles Distribution Center , October 2014 – Present

- Handle furniture for relocation in warehouse
 - Utilized barcode scanner to access and allocate furniture into database corresponding to their physical location in the warehouse.
 - Assembled chairs and inspected them for delivery
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Personal Qualities

- Exceptional communication skills with people of different backgrounds
- Enthusiastic about learning different technologies
- Bilingual, **Fluent Spanish**