

Mason Chandler Reed

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Objective

An internship utilizing object oriented programming concepts and other design strategies to improve user experiences.

Education

University of California, Santa Cruz

Bachelor of Science in Computer Science: Computer Game Design

(Expected graduation: 2018)

Technological Skills and Experiences

Skills

Operating Systems: MacOS, Linux, and Windows

Web Development: Javascript, HTML5, Java, Python

Programming Languages: Java, C, C++, Lua, GLSL

Applications: GitHub, GameMaker, Microsoft Office, Blender, FL Studio

Experience

- Murder-mystery adventure game created with Javascript and CreateJS in HTML with canvas with three other students
 - Contributed to engine programming, artwork, and writing
 - Team communication, planning/scheduling, testing and responding to feedback
- Participated in the 2017 Global Game Jam
- 3D graphics program written in Javascript and WebGL
 - Programmed shaders to apply lighting and transformations to a 3D model
- Several small games in Javascript and HTML with canvas
- Help develop and deploy an AI-based sudoku-like game as a research project with a professor

Favorite Coursework

CMPS 160 - Computer Graphics

ARTG/CMPM 120 - Game Design/Development
Experience

CMPS 101 - Algorithms and Abstract Data Types

CMPS 109 - Advanced Programming (Object Oriented
design with C++)

CMPM 176 - Game Systems

CMPM 164 - Game Engines/Platforms

CMPM 25 - Introduction to 3D Modeling

Work Experience

Monterey Recreation Department, Camp Quien Sabe

Monterey, CA

Recreation Leader

June, 2011 to August, 2016

- Counseling groups of 6-8 children with ages 7-11 and groups of 20-30 teens with ages 13-15.
- Responsible for teaching the children about nature and specifically the area of Toro State Park.
- Coordinated and participated in the building of a rope barrier around a pond to preserve the wildlife

Personal

- Music: Guitar for 14 years, Singing in Choir for 10 years
- High School Volleyball for 4 years
- Video games I enjoy: The Legend of Zelda, Overwatch, Darkest Dungeon, Rogue Legacy, Faster Than Light
- Designed and built a personal computer
- Hiking and Outdoor activities
- Snowboarding