William Devin Wells

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Education

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

Pomona, California

· B.S. Computer Science

RELEVANT COURSEWORK

· Computer Logic
· Data Structures and Algorithms
· Computer Architecture
· Assembly Programming
· Formal Languages and Automata
· Design and Analysis of Algorithms
· Operating Systems
· Software Engineering
· Database Systems
· Artificial Intelligence
· Numerical Methods
· Computer Networks
· Programming GUIs
· Game Development
· Computer Graphics

Skills & Abilities

PROGRAMMING LANGUAGES

· Java, C++, C#, Python, Javascript, Kotlin, SQL, Assembly (MIPS), Bash unix shell

TECHNOLOGIES/ ENVIRONMENT

· Operating Systems: Windows, Linux
· IDEs: Eclipse, Netbeans, Android Studio, Visual Studio, IntelliJ, MySQL, Unity Game Engine
· Liferay Portal

Projects

· **Concentration Game for Android**
  - Worked with a team to create the game "Concentration" for Android using Java and Android Studio
· **File Transfer Tool**
  - Worked in a team to create a secure file transfer tool written in Python
  - Transferred data using encryption and ASCII Armoring
  - Checked for integrity of data using a check-sum/hashing function
  - Encrypted hash and data with an XOR cipher using a key
  - Sender authenticated with receiver via user name and password
· **Endless Falling Game**
  - Created a small game in which the player falls endlessly through a city dodging obstacles and hitting power-ups
  - Coded in C# using the Unity game engine
· **Minecraft-Like Cube World**
  - Worked with a team to make a world of randomly generated cubes (grass, water, sand, bedrock), similar to a Minecraft world
  - Used OpenGL through the Lightweight Java Game Library (LWJGL) to draw a scene illuminated by a light source
  - The user can fly around the scene and explore

Experience

FREIGHT ASSOCIATE | HOME DEPOT | JULY 2015-PRESENT

· Work overnight to stock the store with freight.

PAINTER ASSISTANT | BONAS PAINTING | JULY 2013-SEPTEMBER 2013

· Assisted a team of painters at the site of a Kaiser Permanente in Tustin

PHONE SALESMAN | PROGROUP | JULY 2012-SEPTEMBER 2012

· Called clients and sold paper supplies.
· Used the program Sage ACT to manage contacts and clients.

DATA MANAGEMENT | GLOBAL FINANCIAL DATA | JULY 2012-SEPTEMBER 2012

· Searched through New York Times papers from the 1800s to present and saved any pages with stock market information as a PDF.