

David McLaren

455 Shoshoni Avenue, Placentia CA 92870

(714) 924-0395 david@pixelatedrobot.com github.com/sirusblk

TECHNICAL SKILLS

Languages: C++, C#, C, Python, Objective-C, Java, Javascript, Octave, SQL, x86-64 Assembly, HTML & CSS

Operating Systems: Linux, Unix, Windows

Skills: Problem Solver, Team Collaborator, Budget Management

Experience: Object Oriented Programming, Agile Software Development, Unity, Client / Server Architecture, Source Control

COURSES

Artificial Intelligence, Databases, Compilers, Algorithms, Data Structures, Operating Systems,

Encryption & Security, Software Engineering, Networking,

Mobile App (iOS) Development, Computer Graphics (OpenGL)

WORK EXPERIENCE

City of Placentia CA

2007 Present

GIS / IT Technician

- Develop, document, and maintain Enterprise Geographic Information System Database.
- Develop tools to automate workflows and database management.
- Spacial analysis and map design project led to funds of \$50,000 for parking structure development.
- Manage multiple projects at once in a fast paced environment such as IT budget and contracts.

Daily Titan - CSUF

2012 2015

Webmaster

- Designed and maintained college newspaper website, managing database and web server, maximizing uptime and improving site responsiveness. Redesigned entire site's look and layout.

California State University Fullerton

June 2014 August 2014

Intern Computer Science Department

- Mentored and instructed a group of 4 STEM transfer students and 2 high school students.
- Helped develop tools to perform spacial analysis on shops and restaurants and recognize trends for project on Big Data with geographic considerations.

PROJECTS

Restaurant Simulator Unity Game School Project

2015

- Organized, managed, and lead a group of 3 other peers in creating a restaurant simulator in the Unity Game Engine.

Full Stack Web Server Personal Project

2016

- Set up a virtual private server from a basic CentOS 7 to a fully functioning Django powered Python Web Server.

EDUCATION

California State University, Fullerton

Graduated Fall 2015

Bachelor of Science, Computer Science

EXTRACURRICULAR ACTIVITIES

ACM (Association of Computing Machinery) programming competitions. Placed 1st at CSUF. 2014 2015