ARUNDEEP CHOHAN

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Portfolio Github LinkedIn Stack Overflow
Blog

A pragmatic Software Developer who is passionate about solving real problems by analyzing client needs and assessing the situation for the right course of action. Well versed in many different types of technology and inspires to be the top programmer in any company. Also a leader with 7+ years of strong management and organization skills to deliver quality service. Last of all someone who can quickly and discretely follow company standards while producing services.

Qualifications:

- Strong knowledge of Object Oriented design in Java and C++.
- Web page design using Javascript, JQuery, HTML5, CSS3, React, Ajax, Angular and Bootstrap.
- Knowledge of SQL commands to create functioning applications in a variety of RDBS such as MySQL, Oracle and PostgreSQL.
- A constant learner who always tries new programming languages and documentation.

Events:

AI Hackathon   April 6, 2019
Python
Machine learning to calculate percentage of visits due to certain factors such as distance and area.

Lighthouse Lab   May, 21, 2019
Javascript
A 21 day marathon designed to get people into writing Javascript.

Soft Skills:

- Bilingual in Punjabi and English.
- Communicating effectively with a team for over 7+ years to produce great services.
- Effective management skills that can delegate tasks to others.
- Writing test plans and trouble shooting.
- Bug testing and documentation.

Education:

Langara College   September 2019
Association of Science Degree in Computer Science
Activities:
Computer Science Club   February 2019 - Present

Projects:

Langara Course Planning App:
Swift
- Takes users schedule and transcripts to create courses to take next semester.
- Asks for users inputs for program selection and number of courses to take next semester.

Runescape Bot:
Python
- Using Win32 GUI to grab a window periodically after 1 hour and 45 minutes.
- Win32 API to register clicks to the window to auto farm at 8 different locations in game.

School Projects:

Real Estate:
Javascript, HTML, CSS, MongoDB, Node.js
- Real estate website that displays houses and for users to post houses.
- Admin can delete postings or add users.

Chess:
Java
- A Chessboard consisting of a 2D array of Chess pieces with images on a canvas.
- Graphical user interface of moving the Chess pieces via click and drag.
- Rules implementing turns and Chess movement.
- Abstract and Object Oriented design allowing for each piece to have its own rules.

Pokeball Game:
Javascript, HTML5, CSS3
- A game where you hold down the mouse button to fire a Pokeball at the Pokemon.
- Bounding box collisions and an animated tail using setInterval to update the image and the Pokeball.

Link:Demo
Rise of Gallantmon:
Javascript, HTML, CSS, Bootstrap, MP3
- A multiple page website showcasing a game, the development cycle and the basics of how to play the game.
- Basically a clicker game that eliminates an enemy based on the damage you have and how fast you click.
- Contains various upgrades, music and enemies as well.

Technical Skills:

Platforms: Linux, Unix, Windows
Programming Languages: Bash, C++, Java, Python,
Web: Angular, Ajax, CSS3, HTML5, Javascript, JQuery, Node.js, PHP, React, Wordpress
Databases: AWS (EC2), MongoDb, MySQL, Oracle, PostgreSQL
Other: Babylon, WebGL
Tools: Adobe (After Effect, Audition, Premiere), Bracket, Blender, Drupal, Eclipse, Gimp 2, Microsoft Visual Studio, Oracle Virtual Machine, Scite, Vim
Version Control: Github (Git)