Daryl Occ

Tel: 714.623.8306
Westminster, CA 92683
Email: darylocc@hotmail.com
GitHub: https://github.com/donkeykong91

Education

Computer Science - California State Polytechnic University, Pomona *Sep. 2014 – June 2017*
Achieved Bachelors of Science Degree
Computer Science - Orange Coast College, Costa Mesa CA *June 2012 – June 2014*
Achieved C++ Certificate

Work Experience

Utelogy Corporation, Costa Mesa CA *Jul. 2017 – Mar. 2018*
C# Developer

- Rapidly deployed drivers for customers within one week in C# VS2017
- Implemented core classes to cut code time by 80% in C#
- Built in-house software with C#, XAML, and WPF
  - Validation Tool
- Read and rapidly learned numerous APIs from different companies
  - Panasonic PJLink, Extron SIS, Matrox PowerStream, RS232, etc.
- Wrote Documentation, Software Specifications, and How-Tos
  - GitHub, Driver How-To, Validation Tool, etc.
- Attended scrum meetings and logged work done on TFS bi-weekly
- Worked and collaborated with a team of three every day
- Set up and ran meetings with clients on how to properly use our API
- Created videos of step-by-step instruction on how to use our API
- Resolved on-site driver crashes within an hour
- Uploaded drivers using Visual Studio Team Services to Source Control

Swch, LLC, Chino CA *Oct. 2016 – May 2017*
Mern Stack Developer
Responsibilities Included:

- Use meteor with React.JS to create an FAQ page
- Use packages provided by the meteor community
- Store objects in documents for MongoDB

Proficiencies

Languages	Java, C++, C#, XAML, Python, JavaScript, HTML, SVG, CSS, SQL, NoSQL
Frameworks	Node, Express, React, Bootstrap3, Maven, Jhipster, Spring Boot, Hadoop

Development Tools	ElasticSearch Service, Kibana, IAM, EC2, Lambda, S3, Serverless, GIT, TortoiseSVN, Eclipse, Visual Studio 2010, 2012, 2014, 2017, IntelliJ, PyCharm, NetBeans, Atom, Vi, Sublime,
Twitter API	
Databases	DynamoDB, RDS, MySQL
Systems	Linux, Mac OSX, Windows XP, 7, 8, 8.1, 10, AMI

Personal Projects

Analog Clock *Apr. 2018*

Created an analog clock in pure JavaScript, CSS3, and HTML5 with SVG for the clockface and arms for the seconds, minutes, and hours. Styled the second hand to move smoothly throughout its life with CSS3. Did the math to move the minute and hour hands incrementally along with the second to display accurate time.

Typing Speed Tester *Apr. 2018*

Created a typing speed tester in pure JavaScript with a timer showing the minute/seconds/hundredths right when I start typing. Used HTML5 and CSS3 to make the test aesthetically pleasing. Utilized the Math API to do some calculations on making the timer run. Used event listeners to key presses.

Automated Responsive Images *Apr. 2018*

Implemented script that would semi-dynamically assign the same images of different sizes to different parts of the website. Worked with the DOM to set and get Attributes to the HTML Elements.

Academic Projects

Flash Drive File Syncer *Sep . 2016 – Dec. 2016*

Implemented code that checked the differences between two files and updated the older file with the new file in C#.

Twitter API: Presidential Tweets *Mar. 2017 – Mar. 2017*

Created a program that gathers all of the “#trump” tweets and uses elastic search to index them in JavaScript, Node This app. also uses Kibana to visualize the information with three graphs.

1. The First graph shows a tag cloud of places that mostly tweet about “#trump”
2. The second graph shows a line of count of tweets that are created with regard to time
3. The third graph shows a pie chart of the time zones from where the tweets are coming from.

CalPoly Pomona Shuttle Tracker *Apr. 2017 – Apr. 2017*

Shuttle Tracker uses provided BroncoShuttle API to grab information regarding where the shuttle is in JavaScript, Node Serverless Framework is used in JavaScript to automatically setup Amazon Web Services Lambda tool along with S3 buckets and Cloud Formation DynamoDB is utilized to store the grabbed JSON files and retrieve to output location of Shuttles

A* Search for 8-Piece Puzzle *Jan. 2017 – Feb. 2017*
Implemented Java code that efficiently searched for the best move to solve the 8-piece puzzle in the shortest path possible.

Hill-Climbing Search for N-Queen Game *Jan. 2017 – Feb. 2017*
Implemented Java code that searched for the best move with the heuristics given to solve least pair of queens attacking each other, and 100% of the time always gave a significant reduced number of attacking queens.

Secure Message Passing *Feb. 2017 – Mar. 2017*
Implemented Java code that encrypted a message using receiver's key, an AES key, and a MAC ID. Message was sent by sender and decrypted by the receiver through the medium of text files. The proof of the encryption and authentication working are in the text files.

Alpha-Beta Pruning/MiniMax Algorithm Four in a Line Game *Feb. 2017 – Mar. 2017*
Implemented Java code that searched for the best move with the heuristics as the position of the opponent's move and made time taken to search for best move faster by 50%.

Hadoop Map Reduce *Mar. 2017 – Mar. 2017*
Implemented Java code that sorted over millions of lines of data to print out the top ten movies of 2009 rated by Netflix users and the top ten users that have the most contribution to movie ratings.

Volunteering

Cyber Security Fair – Organizer *Oct. 2016*
Made sure everyone at the event had a task
Volunteered my help to staff to set up and maintain smooth flow of event
Made everyone feel comfortable and relaxed

References

Joseph Vigil
IT Administrator/Specialist
Red Wing, MN
Email: atomkv@gmail.com
Cell: 651-764-1046

Joshua Whitney
Junior Web Developer
Newport Beach, CA
Email: tarzan9192@gmail.com
June. 2017
Cell: 909-477-9975

Giovanni Hernandez
Junior Web Developer
Chino, CA
Email: gdhern4282@gmail.com
Nov. 2016
Cell: 626-251-0594

Nikhil harinath
Devops
Long Beach, CA
Email: hnikhi@gmail.com
May 2017
Cell: 303-210-4559