Chandrasekhar Reddy Muthyala

1055, west 48th street, Apt #23,
Norfolk, VA-23508
LinkedIn:https://www.linkedin.com/in/chandra-sekhar-reddy-muthyala-566b9b76/
E-mail: cmuth001@odu.edu
Mobile: +1-(757) 546-4188
Github: https://github.com/cmuth001

Summary

- Hands-on experience on developing a web application from scratch using ***LAMP stack, jQuery, PHP*** following ***MVC*** architecture with ***MySQL, PostgreSQL*** database.
- Practical understanding of ***Object Oriented Concepts*** and its usage in ***coding and implementation*** with creative and innovative thinking skills.
- Well-developed ability for ***client interaction, requirement gathering*** also in the ***technical design, debugging*** and ***user documentation***.
- Ability to adapt and learn ***new platform*** within short time, problem solving abilities with quick learning.

Education

Masters in Computer Science (MSCS) [**Aug,2017-May,2019]**

Old Dominion University (ODU) . GPA: 3.9 / 4

Bachelor of Technology in Computer Science & Engineering **[Jul,2011-May,2015]**

Amrita Vishwa Vidyapeetham University, Coimbatore, India. GPA: 7.65 / 10

Technical Skills

Languages: C, C++, JAVA, Python, PHP.
Web Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, D3 JS, AJAX.
Database Management System: MySQL, PostgreSQL.
Tool's: WAMP, XAMPP Server, familiar with Git and Perforce.
Platforms: Unix, Linux, Windows.

Employment Recital

Graduate Research Assistant **[Aug,2017 – till date]**

- Developed a Web-based portal **Quiz Management System** for professors to create weekly quizzes for students undergoing courses at ODU and visualization of student performance using ***LAMP stack, jQuery, PHP*** **and D3.js** technologies.
- Developing a friendly web interface (**Student Appointment System**) to manage entire process involved in appointing a students as a Graduate assistant for computer science department and keep track of the appointment status.

R&D Engineer - Synopsys Inc., Bangalore, India. **[Sep,2015-July,2017]**

- In a team of 4, developed an automated system which can find the hardcoded paths associated with all Verification Group(VG) product binaries and libraries, with the nightly builds every day and make sure there are no hard coded dependencies with any of those file.
- Written test cases for "Automated Testing to find hardcoded paths" and Test case to identify the newly added files and missing files associated with all binaries and libraries of VG products .
- Fixing the errors generated by GCC after removing the **-Wno- switches** from Make files.
- Writing scripts for identifying Hard coded paths, Absolute paths from "MAKE FILES" using **PYTHON** language.

Academic Projects

- **Web-programming-** Developed a messaging chat room website like Slack using a LAMP stack, jQuery, PHP, and MySQL.
- **University Course Registration-** Students can login with their credentials and register their semester courses based on a specified set of constraints imposed by the University.

- **Bus Route Management-**Users can create a new account and login to check the availability of buses between a specified source and destination. All the available buses are shown with their timings and bus-numbers. Users can selectively query for a specific bus to get the complete info about its routes. This system can also be used for various administrative purposes by the RTC department.
- **Biometric system (Final year project)-** Providing a security system using Face(2D+3D) and ear modalities which satisfies illumination levels, pose variations, facial hair, aging and disguise by using PCA algorithm. Paper got accepted in International Journal of Computer Science and Communication Networks (IJCSCN) and International Conference on Computational Intelligence in Data Mining (ICCIDM) **http://link.springer.com/chapter/10.1007/978-81-322-2734-2_1**

Online Course Certifications:

- **HTML5 Animated Image Gallery** in Eduonix Learning Solutions Pvt Ltd.
- **Python 3 Tutorial** in SoloLearn, License 1073-2777149.
- **Using Python to Access Web Data** by University of Michigan (Grade Achieved: 97%).
- **Using Databases with Python** by University of Michigan (Grade Achieved: 98.9%).
- **Python Data structures** by University of Michigan (Grade Achieved: 100 %).
- **Introduction to Data Sciences in python** by University of Michigan (Grade Achieved: 90%).

Attended workshops

- **Android development** workshop organized by ASCII, Amrita University, Coimbatore.
- **Computer Society of India** Conference at Coimbatore.