

Stanlin Joseph

Phone: 832-489-4998 • E-Mail: smjoseph11@utexas.edu

Skills

- Proficient in C, C++, Java, HTML, CSS, PHP, JavaScript, Python, Bash, JQuery, and SQL
- Experience with JS libraries and CSS frameworks such as Angular, NodeJS, ExpressJS, and Bootstrap
- Proficient in SourceTree, Confluence, Jira, Stash, and Github versioning tools
- Experience with accessing and manipulating databases using MySQL, MSSQL, and DB2
- Experience integrating PHP and other languages with SQL queries and functions
- Experience with CMS and website creation/maintenance
- Understanding of DOM structure and MVC methodology in web applications
- Exposure to various cloud computing companies

Experience

Summer Internship at Hewlett Packard

May – October 2015

- Created 2 full stack internal websites with both frontend (html, css, javascript) and backend (python, php) technologies
- Automated security measures(Openssl certificates) essential to accessing confidential company infrastructure
- Used NodeJS and other javascript libraries to create server
- Worked in a team with a manager and peers to complete a group project
- Met deadlines to produce working prototype of complete websites
- Presented completed projects to managers

Web Development for DayaHouston

July 2013 – Present

- Setup HTML server
- Created interactive webpages
- Programmed PHP scripts for fillable forms and automated HTML formatted email messages
- Created SQL databases to store fillable forms
- Integrated script to convert SQL database to excel spreadsheet
- Work can be seen at www.dayahouston.org

Summer Internship at American Achievement Corporation

April – June 2014

- Worked with a team on backend website development projects for the company
- Learned new programming languages for the ecommerce stack
- Used Jira management system to set benchmarks and provide daily updates on progress
- Programmed database script in PHP to increase insert frequency(from over 1 hour to 15 minutes) for an internal customer orders database
- Refactored website to latest integrated systems with Angular

Summer Internship at EmpactIT (an EmployerFlexible Company)

July – August 2013

- Compared the cloud computing capabilities of three companies; Rackspace, Terremark(Verizon Wireless), and Softlayer(IBM) as part of a consultation for a client
- Created comparison spreadsheets that included the financial and administration, operations, and technological aspects of the three companies with members from various branches within the company
- Gained knowledge on the inner workings of cloud computing companies, "above-the-OS" IT companies, and business clients' dynamics.
- Completed an opinion summary for which company best fit the customer based on the gathered and parsed information
- Presented this information to the COO of the company.



Projects

- Programmed client and echo server for networking socket programming using UDP (C)
- Created a formally constructed functional programming language building the lexical tokenizer, parser, coding the operational semantics, and typing the language
- Created database application for record keeping via SQL Developer, Data modeler, and APEX
- Wrote algorithm to compress files using the Huffman Coding paradigm (Java)
- Programmed project to solve Sudoku puzzles using recursive backtracking (Java)
- Created operating system using learning module PINTOS (C)
 - Included programming a file system, virtual memory, threaded operations, and user programs
- Created web interface to automate OpenSSL credential creation for VPN access.

Education

University of Texas at Austin, Bachelor of Science Computer Science

Graduated July 2015

Strake Jesuit College Preparatory, Houston

Graduated May 2011

- Graduated Honor Roll and Magna Cum Laude