Sreeharsha Ravuri

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OBJECTIVE: Dedicated to using my passion for code to enhance my software engineering skills. Interested in a position where I can leverage my experience and deliver positive results while doing so.

EDUCATION

North Carolina State University, Raleigh, NC
Bachelor of Science in Computer Science   *December 2017*

PROGRAMMING AND COMPUTER SKILLS

- <u>Languages</u>: Java, JavaScript, C, C++, C#, R, powershell, HTML5, CSS, XML, Maple
- <u>Database systems</u>: SQL server, MySQL, SQLite, MongoDB
- <u>APIs</u>: WebGL, OpenGL
- <u>IDEs/ Technologies</u>: Visual Studio, Android Studio, Eclipse, Node
- <u>Operating Systems</u>: Linux, Windows
- <u>Version Control Systems</u>: Git
- <u>Devops tools</u>: Chef, Inspec
- <u>AWS Services</u>: EC2, EBS, IAM, VPC

CERTIFICATION

- AWS Certified Developer – Associate   *July 2018 – July 2020*

WORK EXPERIENCE

REANCloud, Herndon, VA
AWS Cloud engineer intern *(AWS, Chef, Inspec, Ruby, powershell)*   *April 2018 – Present*
- Automated STIG remediation with Chef on the Windows operating system for Oracle HTTP server, IIS 7 and SQL Server 2008 R2
- Wrote powershell scripts using IIS cmdlets, security and sqlserver modules
- Developed Inspec tests based on the RSpec framework for compliance testing

University of North Carolina, Chapel Hill, NC   *October – December 2017*
Web developer/ Research Assistant (JavaScript, HTML5 using Canvas, CSS)
Advisor: Dr. Kelly Ryoo; Project: "Making science visible"
- Iteratively refined visualizations based on feedback from the research group, participants and advisory board members.
- Tested interaction data for the visualizations to ensure that every point is correctly logged.

Castle Worldwide, Morrisville, NC   *May – July 2016*
Web development intern *(C#, SQL Server)*
1. Created Application Service to parse log files
   - Designed a SQL server database to save the processed log files.
   - Maintained a strict standard of security and efficiency with the help of SQL functions.
2. Designed and maintained a website with the Squarespace service

RELEVANT SOFTWARE PROJECTS

Senior Design project with LabCorp: Developed a web application using D3, Node, MongoDB
                                                                                 August – December 2017
'ITrust' healthcare system: Developed mock health care system using Java, JDK 8, Tomcat 9, MySQL
                                                                                 August – December 2016