Vaishnavi Raghavaraju

Contact:

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Co-op or other experiences and responsibilities

* Research, University of Mizzou, Columbia, MO. (May 2017 - July 2017):
  + Worked on Chatbot framework for Google home survey application using the tool API.AI
  + Developed conditional logic to generate survey questions in the application based on keywords of responses as part of business logic
  + Built firebase database to collect web-hooks in expanding natural language for chatbot
  + Researched self-management and healthy coping for geriatric patients under Type 2 Diabetes for survey questions
  + Contributed towards research paper with another student and mentors
* Automation Testing Engineer, BMW, Spartanburg, SC. (January 2018 - May 2018):
  + Used Webdriver IO, Jasmine, and Appium for testing the BMW Dealer Delivery iOS mobile application developed in Swift
  + Worked with ChromeDriver for testing the My Car is Born web-application – using JavaScript and the Angular JS 4 framework
  + Reviewed the JavaScript code to check for bugs and worked with developers
  + Familiarized and worked along with Agile and Scrum teams with JIRA, Confluence, and Bitbucket
* Data Analysis, BMW, Spartanburg, SC. (August 2018 - December 2018):
  + Extracted Quality Management lead responsibilities based on data mining of car parts with M-gAMS – a web-based application
  + Performed data analysis of rework measures in Excel - Powertool from quality analytics data and reports from QMT leads – cross-checking measures and collecting prognosis values
  + Created custom dashboards utilizing Tableau based on reporting requirements– interacting with QMT leads
* Front-End Developer, Kiewit, Lenexa, KS. (June 2019 – August 2019):
  + Constructed new webpages for the districts and departments of the corporation
  + Added new modules, routing, custom components for new pages
  + Accessed corporate digital data using SharePoint and attached to the application using web-hooks, services, environments in Angular
  + Completed user stories and communicated code using Azure DevOps

Skills/expertise areas

* Programming: C++, C, Java, Python, HTML5, CSS, MATLAB, Swift, Node.js
* Software: Eclipse, Visual Studio, QTCreator, Github, Autodesk Inventor 2015, Android Studio, Google Assistant, API.AI
* Database: SQL Server 2014, MySQL, Firebase, MongoDB
* Testing: CxxTest, Junit, Selenium
* Operating Systems: Windows (7, 10), Linux (Ubuntu 16.04), Unix, Mac OS X

Area of Interest

* Web Development
* Cloud Computing
* Data Science
* Microservices
* Data Security

Type of project sought

* IDE built for logical programming language FRIL. Create a better visual experience rather than just interacting with the compiler
* Current available projects under Discovery Global
  + Artificial Intelligence- training a video game to play by itself
  + Data Analytics – analysis of social media streams
* Data Science Techniques for Discovering Dynamic Brain Activity