JAYDEVSINH (JAY) PARMAR

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Computer Science

OBJECTIVE: To secure an **entry level fulltime position** as a **Software Engineer/Technology Analyst** that allows me to bring solutions utilizing my educational background, strong technical skills and experience and an opportunity to grow within the organization.

Education

North Carolina State University (August 2016 - May 2019): B.S Computer Science	GPA: 3.6
Central Piedmont Community College (August 2015 – May 2016): Associates in Science	GPA: 4.0

Skills/Courses

Languages- C, C++, Java, Python
Web Technologies– HTML5, CSS, JavaScript, AngularJS, Angular, jQuery
Frameworks – Spring, Hibernate
Software Tools – Eclipse, GitHub, Jenkins, JUnit, Selenium, Cucumber
Courses- Grad level Artificial Intelligence, Java Programming, Keynesian Logic/Discrete CSC Mathematics, C and Software Tools, Data Structures
Skills – Managing Complex Software, Test Driven Development, Code Coverage, Static Analysis, Version Control, Continuous Integration

Work Experience

- **Wells Fargo: Technology Analyst Intern** (June 2018 – August 2018):
    - Worked on a web application tool that ranks securities and different aspects of a security based on criteria from the user for a Quantitative Research Platform hosted on a **WebLogic** server and testes using **JUnit**.
    - Designed the complete application UI using **Bootstrap**
    - Created **Spring REST** controllers to download static files from the backend and load a portfolio based on users' selection.
    - The securities in the portfolio were displayed as a table and grouped based on sector in frontend using **jQuery** and **DataTables** plugin.
    - Loaded the portfolio data from a **SQL** database using **Hibernate** to be used by the REST controllers.
- **National Science Foundation Summer REU: Lane detection using neural networks** (May 2017 – July 2017):
    - Research on detecting lanes from a live camera feed. A segmentation neural network was retrained to detect lanes and roads.
    - The output from the model was used to estimate the function for the lane.
    - The model was 60% accurate

Posters/Presentation

- **Jaydevsinh Parmar**, Dr. Sun Yi. (2018, Feb). Lane detection using neural networks, **Emerging Research National Conferences**, Washington D.C.

Projects

- January 2018 – May 2018: **iTrust 2:** Developed frontend and backend for a healthcare system/hospital management system as a part of a semester long class project using **Spring, AngularJS, Hibernate, SQL, Java. Cucumber, Selenium** and **JUnit** were used for testing. **Test Driven Development** and **Continuous Integration** were a major focus for this project.

- December 2016: **Android App:** An android app in **Java** that allows the users to allow enter the time and notifies the user about the time out.

- October 2016 **– 3-D Vector Calculator:** A web application using HTML, CSS, and JavaScript that plots and performs various actions on vectors. Three.js was used to plot the functions and vectors, and mdl was used to style the web page. The application was developed at a hackathon in a group with 4 members.

- December 2014 **– Mobile Data Management System**: An Object-Oriented program written in **C++** for senior project in High School. The program supports multiple users and allows them to check and purchase mobile data. Ability to add and delete users. The user's information was protected by a password. The UI was a command line interface.

Awards

- Dean's List Fall 2016, 2017 and Spring 2018 (North Carolina State University)
- Second School Rank for National Cyber Olympiad (Atomic Energy Central School, Kakrapar)
- Elected President of Activities Club (Atomic Energy Central School, Kakrapar)