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⭕ Education

School	Bachelors of Science	GPA	Graduation
San Jose State University	Computer Science	3.3 / 4.0	Dec, 2017

⭕ Work Experience

Title: Software Engineer Intern at Western Digital (San Jose)   **June, 2017 - August, 2017**

Project : Automate P-value calculation process and alert inspectors via email.
- Build Web tool to check quality of components based on P-value.
- Parse Excel sheet data and stored in **MYSQL** database.
- Calculated **P-value** using One Way Anova Analysis.
- **PHP**, **MYSQL, HTML, Javascript** and **APACHE** web server for production.
- Box and Whisker Chart used for represent data (**Highchart**, **Fusion Chart**).
- Improve P-value calculation time from half hour manual process to few seconds **Automation**.

⭕ Skills

Languages: C, C++, JAVA, MySQL, Python, JavaScript , PHP, Perl, HTML .
Others: Data Structure, Object Oriented Design, REST, MVC Modeling, MySQL Database, DB2 Database, Multithreading, Android Development, Linux, Git, Django.

⭕ Team-Based Class Projects

Banking System (Group project)
- Functionality: Create account, search customer's, deposit, withdraw and transfer.
- **JAVA, MySQL, JAVA Swing, Spring framewor**k, **REST API, JDBC, MVC** for development.
- **Multi Thread and Thread Safe** application for money transactions.

Student class registration system   (Major Group project)
- Full functional website for classes registration
- **Php, MySql**, **JavaScript**, **HTML**,**CSS**, **AWS** used for production
- Build **Pi Chart** to check progress.
- Feature – add, drop and search for classes.
- Additional feature – check prerequisite before sign up for classes.
- Project avalible at https://github.com/moneysingh1991/student_registration-website

Personal Search engine (Group project)
- Build text document based personal **Search Engine** (search with any keyword).
- **C++** as back end language.
- Console based output application (Output in meaningful short paragraph).
- Implemented **Search** algorithm based on keyword frequency, popular documents, document frequency.
- Project avalible at https://github.com/moneysingh1991/cs144FinalProject_git

Grocery shopping Website (Major Group Project)
- Grocery delivery by drone.
- Live drone tracking using **Google Map API**.
- **Django**, **Python**, **MySQL**, **Javascript** used for development.
- Project available at https://github.com/SaajanBariana/GroceryStoreDroneDelivery

Home Automation Android App (Individual Fun Project)
- **App** to control Home Electronic switch.
- **Automate** home light with time and control from a APP.
- Multithreaded application to run background process on APP and Server.
- **Java**, **Spring framework**, **REST API**, **MySQL**, **Tomcat, Linux** used for Development.
- **Accomplished** : Learned about sleep Pattern and electricity saving.