Maninderpal Singh

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https://github.com/moneysingh1991

○ Education

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

○ Work Experience

Title: Database and Data Analyst Internship at western digital   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 database.
- Calculate P-value using One Way Anova Analysis.
- **PHP**, **MYSQL, HTML, Javascript** and **APACHE** web server used for production.
- Box and Whisker Chart used for represent data.

○ Skills

Languages: C , C++, JAVA, SQL, Python, JavaScript , PHP, Objective C, Perl , Bash Script, HTML .
Others: Data Structure, Object Oriented Design, MVC Modeling, MySQL Database, IBM DB2
Database, Android Development, Xcode, Unix, Linux, Eclipse, Netbeans, Visual Studios, GitHub.

○ Team-Based Class Projects

Student class registration system   (Major Group project)
- Full functional website for classes registration
- Store all classes information in **MySQL** database locally
- **Php** use as a server side language, **JavaScript** use as a front end, CSS use for designing
- Build **Pi Chart** to check progress.
- Feature – add, drop and search for classes.
- Additional feature – check prerequisite for classes before sign up of classes.
- Hosted on amazon web instance through (**AWS**).
- Project avalible at https://github.com/moneysingh1991/student_registration-website

Personal Search engine (Group of 2 people)
- Build text document based personal search engine (search with any keyword)
- **C++** as back end language
- Console based output application (show output as meaningful short paragraph)
- Implemented search algorithm based on keyword frequency, popular documents,document frequency,
- Project avalible at https://github.com/moneysingh1991/cs144FinalProject_git

Food place on Google map (Individual Project)
- Showed on Google map food places in specific mile radius with help of SD points in DB2 database**.**
- Collect data about from **yelp** Api and **Google** Api (place name, address, coordinates) .
- Store in **DB2** Database locally using Php server side language.
- **Java** script uses as a front end language.
- Project available at https://github.com/moneysingh1991/custome-google-map

Android App (Individual Fun Project)
- Making **Android** App for Buy/Sell Stuff on App
- Added Fragments for run layout with Styles in Tabs
- Used **Google Map API** to show location on Map and get distance and time estimate to destination.
- Host through **Apache** and **Tomcat** Server from home computer
- **PHP** and **Java** Language used for handling server request
- **Linux** operating system used for run all server.
- Port Forwarding in router to forward **HTTP** request to Server
- Project available at https://bitbucket.org/sikhma/mysql