Saloni Patel

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EDUCATION

California State University, Eastbay   **Dec 2019**
Master of Science in Computer Science

Gujarat Technological University   **May 2016**
Bachelor of Engineering in Computer Engineering

SKILLS

SQL Server Integration Services, PostgreSQL, JAVA, PowerBI, Tableau, Apache, Hadoop, Android, Google Firebase, Google Cloud Platform, MySQL, HTML, CSS, Javascript, Bootstrap, C/C++, Python, React, IntelliJ IDEA, Github, AWS, Google Analytics, IBM SPSS.

EXPERIENCE

Computer Science Tutor, *California State University, Eastbay.*   *Aug 2019–Dec 2019*
- Conducted instructional student assistant sessions to provide additional support to students in Computer Science major track for advanced softwares such as IBM SPSS, MS EXCEL, SSIS.
- Collaborated with peer tutors to share and adopt best individual teaching practices and proactively brainstorm on ideas to provide a unified instructor solution to maintain university teaching standards.

Software Engineer Intern , *IpserLab Startup*   *Feb 2020–Aug 2020*
- Simulated an Online Will Repository using Android and Java
- Developed, tested, and deployed Java codes to record user transaction entry events to SQLite database

Tech Intern, *Pioneer Bookstore, EastBay*   *Mar 2018–Dec 2019*
- Maintained college bookstore database, providing technical support to students with their equipment using SQL softwares.
- Developed custom SQL statements and assisted the application support team for East Bay college to build PeopleSoft complex queries and generate reports to help technical and operations team to make key business decisions

Trainee Java Programmer, *Pragma Infotech*   *July 2016–Jun 2017*
- Revamped existing dynamic, responsive and interactive web application for the client that ensured more user engagement and scalability, resulting in 30% increase in sales. Responsible for maintaining, expanding, and scaling the database.
- Designed and developed an Android application to support the automation of the website.

PROJECTS

Tidbit Munching
Architected and developed a RESTful web application along with authentication, which enables the user to share their camping experience and can view the experience of other users.
Learning: RESTful, CRUD | Tools: Node.js, Express.js, HTML, CSS, JavaScript | Cloud Storage: Amazon Web Services

Rummaging Environs
Designed an RDBMS Student Management System from scratch and developed queries using Oracle MySQL. Replicated in Hadoop, created a query plan for SQL queries and compared the run time of queries in SQL.
Learning: Hadoop, SQL Server.

Attendance Application
Developed an Android application that tackles the task of manually taking attendance in the class by enabling students to scan the QR code generated by the professor.
Language: Android | Database: Android Firebase

HyperWalkway
Designed and developed an Android application that used Manhattan distance and bluetooth to enhance the shopping experience of the user by reducing their shopping time.
Learning: Shortest Path, Manhattan Distance | Language: Android | Database: Android Firebase

INVOLVEMENTS

- Volunteering as a **Public Relations Coordinator** in Letters to Hope is a 501 (c) (3) non-profit and community-based organization that writes encouraging letters to individuals, groups, or communities who are in times of need. With the guidance of the nonprofit, we hope that each student understands the meaning of empathy.
- **Secretary** at **ACM–W Student Chapter East Bay** where we help every student to leverage their individual strengths to facilitate academic and social success and teach them various technical skills.