Dhwani Shah

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Kingsville, TX

Education

• 2018 | MS in Computer Science (May 2020) | Texas A & M University - Kingsville | 3.66 / 4 GPA

• 2017 | Bachelor of Engineering (Instrumentation & Control) | Gujarat Technological University | 7.8 / 10 CGPA

Internship

• **2016-2017 | Research in developed applications | Harikrupa Automation Limited, Ahmedabad**

• Developing software solutions to meet customer needs.
• Creating and implementing the source code of new applications.
• Testing source code and debugging code.
• Evaluating existing applications and performing updates and modifications.
• Developing technical handbooks to represent the design and code of new applications.

Projects

• **Mobile Application Development and Web Development Research**

| College | Across Platforms and Languages

• Support the entire application lifecycle (concept, design, test, release and support)
• Gather specific requirements and suggest solutions
• Write unit and UI tests to identify malfunctions
• Troubleshoot and debug to optimize performance
• Design interfaces to improve user experience
• Ensure new and legacy applications meet quality standards
• Research and suggest new mobile products, applications and protocols
• Stay up-to-date with new technology trends

• **Bluetooth controlled Robot using Arduino Circuit**

| College | C

Work Experience

• **Junior Software Analyst at Zebpay Limited** | **Nov 2017 – June 2018**
• Implements computer system requirements by defining and analyzing system problems; designing and testing standards and solutions.
• Defines application problem by conferring with clients; evaluating procedures and processes.
• Develops solution by preparing and evaluating alternative workflow solutions.
• Controls solution by establishing specifications and coordinating production with programmers.
• Validates results by testing programs.
• Ensures operation by training client personnel and providing support.
• Provides reference by writing documentation.
• Accomplishes information systems and organization mission by completing related results as needed.

Seminars Delivered

• Presentation delivered on "Software Development Models and Testing Methods"

• Presentation on "Data Encryption and Cyber Security"

• Presentation on "Android Development: Native Apps vs. Web Apps vs. Hybrid Apps"

Skills

• **Programming Languages:**	Python, Java, Kotlin, C
• **Technologies and Framework:**	PHP, JavaScript, XML, HTML, CSS, Angular, Foundation, Bootstrap, JQuery, Material Design
• **Database:**	MySQL, SQL server, Oracle, DB2
• **Testing:**	Automation, Performance, Scalability, Reliability, Usability, Blackbox
• **Operating Systems:**	Windows, Multiple Linux Flavours, macOS
• **Other Tools:**	Agile central slack, GitLab, Github, SQL Developer, Cherwell, System i Navigator, Whitehat security, AppDynamics, HP load runner, MS office

Extra-Curricular

• Coordinator and Event Organizer in the college technical festival "HEXON '17" at GEC - Gandhinagar

• Volunteer in the 3-day technical festival "CUL-TECH '15" at GEC - Gandhinagar

• College | Taught Physics, Mathematics to 11th, 12th grade students for 3 years in daily leisure time

Interests

• Artificial Intelligence	• Machine Learning	• Algorithms
• Business analysis	• Data development	• Process improvement
• Backend Development	• Mobile Application Development	• UI / UX Design
• Data Structures	• Database Management System	• Cryptography