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AAYUSH J. SHAH

COMPUTER SCIENCE - IOWA STATE

Innovation-driven technology enthusiast with an extensive international experience and continual education in several facets and elements of software development cycle from research, discovery and definition, to implementation and evaluation.

PRINCIPLES & PRACTICES

Product Strategy and Roadmapping, FastPrototyping, Wireframing, User Experience Design, UserTesting, Web/App MetricsAnalysis, Human-Computer Interaction, Object-Oriented Programming, Functional Programming, Market Research, Customer Focus Research.

TECHNOLOGY

Efficient: Java, C, C++, HTML & CSS, PHP, JavaScript (jQuery, Node.js), SQL.

Moderate: MEAN Stack, Sketch, Unity & Swift (iOS) .

AWARDS

2017 MLH sponsored HackISU
- CareTaker, Best IoT Project
Drangonboard 410c by Qualcomm

2016 Google Polymer
- 1st Rank, Web-Development

2016 National Symposium
- 3rd Rank, Smart City Project

2013-16 Gujarat Tech University
- 14th Rank in C.E., State level

LANGUAGES

Gujarati (Native)
Hindi (2nd Native)
English (Fluent)

EDUCATION

Iowa State University | Ames, IA
Major: Computer Science
Minor: Cyber Security
GPA: 3.55, 2017 - 2020

Gujarat Tech University | Ahmedabad, GUJ
Major: Computer Engineering (Associates)
GPA: 3.92, 2013 - 2016

SELECTED CAREER HIGHLIGHTS

ResearchIT, Iowa State University | Ames, IA
Software & Web Developer, Aug 2017-Present
Developing software and web applications for aiding difficult computational problems faced during research work for Professors and Ph.D. candidates (iOS, Android and UWP-Windows).
- Designed several web plugins that reduced task completion times in import scripts.
- Working directly with 20 engineers.

Civil, Construction & Environmental Engineering | Ames, IA
Web Dev / Administrator, March 2017 - Present
Working for Interim Assistant Dean & Wilkinson Chair Professor: Dr. Sri Sritharan.
- Developed a Check-in / Check-out instrument rental system for maintaining two Civil Department Labs.
- Create and maintain websites based on new Departmental Projects. (Hexcrete, NEES, HMCR)

Computer Science | Ames, IA
Teaching Assistant, Aug 2017 - Present
- Working with highly renowned Computer Science professor: Dr. Shu-Hui Chang.
- Examine and approve all homework assignments and examinations, before they are distributed.
- Calculate and assign final grades.
- Follow all the instructions and time management duties.

Child Welfare & Human Research | Ames, IA
Web Developer, May - Aug 2017 (Summer)
Child Welfare Research and Training Project offers courses for Iowa Department of Human Services (DHS) employees through the learning platform Moodle.
Responsibilities and Duties
- Modified the previous code using the Moodle framework and PHP.
- Troubleshooting issues that may develop in application operating environment.
- Created Moodle plugins as per Department & Professor requirements.

Upward Bound TRIO | Ames, IA
Foreign Language Facilitator (Hindi), May - July 2017 (Summer)
- Taught Hindi to 14 Senior High School students.
- Prepared materials from scratch and developed methods to teach Hindi efficiently.
- Students were able to converse and write in foundational Hindi at the end of course.

Computer Science & Software Eng. Club | Ames, IA
Webmaster, 2017-Present
- Maintain Club's website and social media, along with helping the committee in organizing Webinar, Company events, and Hackathon.