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AAYUSH SHAH
COMPUTER SCIENCE - IOWA STATE

PRINCIPLES & PRACTICES

Product Strategy and Roadmapping, Fast Prototyping, Wireframing, User Testing, Web/App Metrics Analysis, HCI, Object-Oriented Programming, Functional Programming , Research, Customer Focus Development.

TECHNOLOGY

Efficient: Java, C, C++, HTML & CSS, PHP, JavaScript, SQL.

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

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 (Bachelor's)
Minor: Cyber Security
GPA: 3.55, *2017 – 2019*

Gujarat Tech University | Ahmedabad, GUJ
Major: Computer Engineering (Diploma)
GPA: 3.92, *2013 – 2016*

SELECTED CAREER HIGHLIGHTS

WaaS-Blue Source, Wellmark BlueCross BlueShield | Des Moines, IA
JavaScript / MEAN Stack Dev, *Jun 2018-Present*

Civil, Construction & Environmental Engineering | Ames, IA
 Web Dev / Administrator, *March 2017 – Present*
- Working for 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 Departmental Projects. (Hexcrete, NEES, HMCR)

ResearchIT, Iowa State University | Ames, IA
Software & Web Developer, *Aug 2017 – May 2018*
Developing software and web applications for aiding difficult computational problems faced during research work for Professors and Ph.D. candidates.
- Pipeline Optimization.
- Software Engineering Recommendations.
- Development & Deployment of Software Web Applications.

Computer Science | Ames, IA
Teaching Assistant, *Aug 2017 – May 2018*
- 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.