

AAYUSH SHAH

COMPUTER SCIENCE - IOWA STATE UNI.

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S.E. SKILL & PRACTICES

Solutions Engineering, Testing and Optimization.

SDLC Strategy, Planning & Leadership.

Global Project Management

Object-Oriented Methodologies.

Functional Programming, Research, Customer Focus Development.

TECHNOLOGY

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

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

PROJECTS

OneRemote - (Ongoing - team of 5)

- A touch screen remote that adjusts based on the device you point it to.
- Machine Learning, Computer Vision.

AR Sudoku Solver iOS 11 (Ongoing)

- Augmented Reality, Machine Learning, Computer Vision, Used Standard iOS 11 Development Lib.

Care Taker - Health IoT Web App

- Angular5, Node, Python, Parallel Simulation, QUALCOMM's Dragonboard 410c.

Course Management Portal

- HTML/CSS, PHP, JavaScript.
- SDLC, Testing.

AWARDS

2017 MLH HackISU

- CareTaker, Best IoT Project
- Dragonboard 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 (1st Native)

Hindi (2nd Native)

English (Fluent)

EDUCATION

Iowa State University | Ames, IA

Major: Computer Science (Bachelor's), 2017 – 2020

GPA: 3.41

Gujarat Tech University | Ahmedabad, GUJ

Major: Computer Engineering (Diploma), 2013 – 2016

GPA: 3.92

SELECTED CAREER HIGHLIGHTS

Wellmark BlueCross BlueShield | Des Moines, IA

JavaScript / MEAN Stack Dev - Intern, Summer '18 (4 months)

- Automate generation and population of data for Testing.
- Evolve POC to generate future test beds to support strategic investments.
- Leverage technologies. (NodeJS, Sequelize, JSON)
- Helped build data lineage visualization for constantly updating files in Production using C# (learned during internship) and Informatica.

College of Engineering | Ames, IA

Web Administrator, Aug '17 – Present (1 year 3 months)

- Working for Assistant Dean & Wilkinson Chair Professor: Dr. Sri Sritharan.
- Designed and developed automated Check-in / Check-out instrument rental system with hardware support for maintaining two Civil Department Labs.
- Develop and maintain websites on departmental needs. (Hexcrete, NEES, HMCR)

Computer Science | Ames, IA

Teaching Assistant, Aug '17 – Dec '17 (5 months)

- Worked with renowned Computer Science professor: Dr. Shu-Hui (Susan) Chang.
- Examined and approved homework assignments and examinations, before they are distributed.
- Calculate and assign final grades.
- Follow all the instructions and time management duties.

Child Welfare Research & Training Project | Ames, IA

Web Developer, May '17 – Dec '17 (8 months)

Child Welfare Research and Training Project offers courses for Iowa Department of Human Services (DHS) employees through the learning platform Moodle.

- Modified the current code using the Moodle framework and PHP.
- Troubleshooting issues that may develop in application operating environment.
- Created Moodle plugins based on the course

Upward Bound TRIO | Ames, IA

Foreign Language Facilitator (Hindi), Summer '17 (3 months)

- 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.

Robotics Club | Ames, IA

Active Member, Spring '17 – Present

- We, Robotics Club, created a robot that automatically removes snow from the designated path. I contributed in Project Management and Web portal to control the machine.

Computer Science & Software Eng. Club | Ames, IA

Webmaster - volunteer, Spring '17 (5 months)

- Maintain Club website and social media, along with helping the committee in organizing Webinar, Company events, and Hackathon.

IEEE | Ames, IA

Webmaster - volunteer, Fall '17 (5 months)