





Nischay Venkatram

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EDUCATION

Iowa State University Dec 18'
Software Engineering
GPA: 3.88
Major GPA: 3.96

WORK EXPERIENCE

Airware Jan 17' – Aug 17'
Software Engineering Intern

- Developed frontend features for drone survey creation with emphasis on performance and fixed existing bugs
- Built internal tools in Node for test result aggregation and report generation to improve developer productivity by 2x
- Increased test automation coverage by 30%
- Helped with onboarding of new hires through mentoring

Kingland Systems May 16' – Aug 16'
Software Engineering Intern

- Designed and developed a full stack web application to detect and visualize data inconsistencies in stock brokerage accounts that was demoed to FINRA
- Collaborated with agile teams in China

ISU IT Services Aug 15' - Oct 16'
Student Software Developer

- Worked in an agile environment to develop a plethora of high quality features and fix existing bugs
- Increased unit test coverage by over 80%

PROJECTS

Boba-Bot
A Slack chatbot that makes use of api.ai's machine learning capabilities, Google APIs, and Wikipedia to answer almost any question

Aye Aye Caption
Worked as a team to build a react-native mobile app at HackISU 16' that made use of Clarifai's Computer Vision API to suggest memes for images taken by the user

Check out my Github profile to see my projects, contributions, and things I've been working on recently

LEADERSHIP

Computer Science Club Current
Vice President

- Leading initiative to increase turnout by organizing alumni tech talks and collaboration with companies and other clubs

SE Student Advisory Council Current
Executive Member

- Held student faculty town hall meetings to collect feedback from students and presented it to the faculty to bring about changes like increased open source in the Curriculum

Google Ignite CS
Mentor and Website Chair

- Mentored high school students and taught CS fundamentals like problem solving, web development, and virtual reality
- Built and maintained the website

Engineering Student Council
Events Committee

- Organized social and engineering events for 200+ people
- Represented ISU at the National Association of Engineering Student Councils 2016 conference

HONORS AND AWARDS

- University Honors Program
- Top 2% of Engineering class - Spring 2015
- ISSO Scholarship for academic excellence
- Global Scholars Retention Award
- Dean's List – Fall 14, Spring 15, Fall 15, Spring 16, Fall 16

TECH STACK

- Javascript (ES6)
- Node
- jQuery
- Jest/Enzyme
- PostgreSQL
- MongoDB
- Neo4j
- Jenkins/Travis CI
- React/React-Native
- Java(Spring)
- AngularJS
- Mocha/Chai
- Selenium/Appium
- JUnit
- Mockito
- C/C++