Rishab Narendra

rishabnarendra.github.io/personalwebsite | rishabn@iastate.edu

EDUCATION

Iowa State University – Fall 2019

B.S. Computer Science

Coursework: Statistical Analysis, Discrete Structures, Data Structures, Computer Architecture, Operating Systems, Design & Analysis of Algorithms, Introduction to Machine Learning, Principles of AI, Software Testing

Languages: Python, R, Java, C, C++, C#, JavaScript, SQL, HTML/CSS, Latex

Tools, Technologies: Swift, React.js, Angular.js, Node.js, Spring, Ionic, Automation Anywhere, Jenkins

EXPERIENCE

Software Development Intern, Farm Bureau Financial Services – Des Moines, IA

MAY 2019 - AUG 2019

- Architected and built a self-service tool using Robotic Process Automation (RPA) for Claims teams to automate payments and receipts
- Replaced manual, repetitive processes; reduced business costs for the company
- Used C#, SQL, HTML/CSS, JavaScript, AA Enterprise Client, and Jenkins

Software Development Intern, CSAFE - Ames, IA

AUG 2018 - DEC 2018

- Designed a web application to interact with X3P (XML 3D Surface Profiles) files
- Created an HTTP REST API for abstracting interactions
- Used Java, C#, SQL, HTML/CSS, and JavaScript

Software Development Intern, Farm Bureau Financial Services – Des Moines, IA

MAY 2018 - AUG 2018

- Designed and built a mobile application (iOS & Android) that saves the business 200,000 annually
- Application won Novarica Research Council Impact Award
- Provides easy access for insurance customers information and quick payments
- Application published on Google Play and App Store
- Used C#, SQL, HTML/CSS, TypeScript, Ionic, and Jenkins

Teaching Instructor, CS106@ISU - Ames, IA

JAN 2018 – MAY 2018

- Teaching Instructor for Introduction to Web Programming
- Responsibilities include teaching fundamental web design concepts in HTML/CSS and JavaScript, managing course infrastructure, and mentoring course students through semester projects

PROJECTS & RESEARCH

NextGen911, an Android app that uses publicly available emergency services in close proximity to a caller's location to allow faster response time during 911 emergencies; desktop operator receives caller's health details for faster aid

Salt Analysis Simulator, an algorithmic C++ program that simulates the lab salt analysis process by performing preliminary, dilute acid, concentrated acid, and reagent tests