

# Rishab Narendra

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## EXPERIENCE

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### Farm Bureau Financial Services

**Software Development Intern** – Des Moines, IA

May 2019 – August 2019

- Reduced 1-month manual payments/receipts process to 2 hours using Robotic Process Automation
- Automation has error rate < 1% for 1000 plus payments reducing business costs by 1000's
- **C#, SQL, HTML/CSS, JavaScript, AA Enterprise Client, Jenkins**

### Center for Statistics and Applications in Forensic Evidence (CSAFE) – Ames, IA

**Software Development Intern**

August 2018 – December 2018

- Designed CSAFE's first web application to interact with X3P files
- Structured entire backend along with SQL tables to interact with web app
- **Java, C#, SQL, HTML/CSS, JavaScript**

### Farm Bureau Financial Services – Des Moines, IA

**Software Development Intern**

May 2018 – August 2018

- Designed and built an insurance mobile application that saves FBFS \$200,000 annually
- Application won 2019 Novarica Research Council Impact Award USA
- **C#, SQL, HTML/CSS, TypeScript, Ionic, Jenkins**

### CS106, Iowa State University – Ames, IA

**Teaching Instructor**

January 2018 – May 2018

- Teaching Instructor for Introduction to Web Programming in **JavaScript**
- Managed course infrastructure and mentored students through semester long projects

## PROJECTS

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### Sorting Visualizer

A JavaScript app that animates the sorting process for many famous algorithms

[rishabnarendra.github.io/SortingVisualization](https://rishabnarendra.github.io/SortingVisualization)

### Covid-19 Tracker

A JavaScript app that uses APIs to view live statistics of coronavirus infections around the world

[rishabnarendra.github.io/Covid-19Tracker](https://rishabnarendra.github.io/Covid-19Tracker)

### NextGen911 (Private repository)

An Android app that uses publicly available emergency service APIs near a caller's location to allow faster response time during 911 emergencies

### Ninja-Game

A Swift game comparable to Mario

[github.com/rishabnarendra/Ninja-Game](https://github.com/rishabnarendra/Ninja-Game)

### Salt Analysis Simulator

A C++ program that simulates the lab salt analysis process by performing preliminary, dilute, and concentrated acid tests

[github.com/rishabnarendra/Salt-Analysis](https://github.com/rishabnarendra/Salt-Analysis)

## SKILLS

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**Proficient Languages:** Java, Python, R, C, C++, C#, JavaScript, HTML/CSS, Swift

**Proficient Technologies:** React.js, Angular.js, Spring, Ionic, Automation Anywhere, Jenkins

## EDUCATION

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### Iowa State University – December 2019

B.S. Computer Science

**GPA: 3.29**

### Primary Coursework:

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