

S U M M A R Y

Gain advance knowledge in the field of cyber security, machine learning and software engineering.

S K I L L S

Programming Languages:

C, C++, .Net, Java, Python, HTML, JavaScript, jQuery, CSS, SQL, TypeScript, NodeJS, Quarkus, Kubernetes, Django, PostgreSQL, Laravel, Php, Bootstrap, Mobile App Development – iOS & Android, Ionic Framework, Jenkins, Docker, Maven, Linux Administration, git., Bitbucket, Jira.

E D U C A T I O N

*BS/ Computer Science (GPA – 3.55)
University of Iowa
2015-2016*

*BE/ Software Engineering (GPA – 3.51)
Iowa State University
2016-2020*

*BE/Cyber Security (Minor)(GPA – 3.82)
Iowa State University
2016-2020*

R E L A T E D W O R K

Artificial Intelligence for Requirement Analysis Tool

*Collins Aerospace /Jan '19 – Current
Python, ML, AungularJS, SQL*

iOS Application – StudyMatcher

Swift, Spring Boot, SQL

Cyber Defense Competition

Iowa State University – Fall 2015, Fall 2018

Student Programmer – Schnable Lab

Iowa State University – August '16 – March '17

Teaching Assistant-Web Development

Iowa State University – Department of CS | Fall '18

Teaching Assistant – Software

Architecture & Design

Iowa State University | Course: S E 339 | Spring 2020

Certification - Intro to Tensorflow for AI,

ML and Deep Learning : coursera.org/

certif/KP9LXFCTNYL2

E X P E R I E N C E

Software Engineering Intern

Nurocor / Texas/ May 2019 – August 2020

As a software engineer, developing software that brings order to clinical data which could be used internally by hospitals and other medical focused businesses.

- *Developing a back-end service that uploads the medical data and arranges the data as per user's requirement.*
- *Integrating and developing the software with elastic search functionality*
- *Implementing automated deployment/testing using Bitbucket, Docker, Kubernetes, Jenkins, and serenity.*
- *Develop an ETL Tool (Python Django Framework)*
- *Educate the team on Quarkus-Java (Next-generation Kubernetes and Supersonic subatomic Java)*
- *Perform agile methodology using Atlassian Jira.*
- *Technologies Required: Quarkus-Java, Docker, Maven, Elasticsearch, Jenkins, Kubernetes, PostgreSQL, Bitbucket, Jira, Microsoft Teams*
- *Software is known to be built for the first time in terms of medical software.*

Mobile Application Developer

Farm Bureau Financial Services/Des Moines, IA/Sept'2018 – Dec'2018

Develop a mobile application that represents the company's insurance functionality that resulted in saving \$200,000 annually

- *Developed mobile app that performs claims 5-10 times faster, online payment functionality, cached and online insurance card availability, faster customer service availability and active emergency calling system availability*
- *Application is compatible with any devices such as iOS, Android, and Windows.*
- *Technologies Required: Swift, SVN, Ionic Framework, .NET Core, Microsoft SharePoint*

Web Developer and Linux Administrator

Iowa State University-College of Human Science/Ames, IA/Oct'2017-present

Develop, design and maintain web-based application for the College of Human Science at Iowa State University

- *Develop, design and maintain the web-based application for the College of Human Science at Iowa State University*
- *Develop and maintain website using Php, MySQL, jQuery, JavaScript, WordPress, AngularJS, and Laravel*
- *Responsible for installation and configuration of RedHat Enterprise Linux, MySQL Server*
- *Setting up machines with different purposes having services like Php, MySQL, DHCP, DNS, NTP, SMTP, VPN, Moodle*
- *Renewal of SSL Certificate for vendors and generating CSRs*
- *Adding rules for monitoring, managing firewalls.*
- *Provide support for administration support for server hosted at the department resulting in saving millions of dollars and bringing funds to the College of Human Science for educational support.*