Dylan Smith

Software Engineering Major @ Iowa State University

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EXPERIENCE

Software Engineering Intern @ Principal Financial Group
May 2020 – Present | Des Moines, Iowa

- Worked with the Individual Disability Insurance team to develop a web application that provides clients with disability insurance quotes
- Partnered with another intern to create an application that allows for different teams within Principal to monitor the uptime of their various microservices
- Collaborated with a team of interns to create a social media application that allows local nonprofits to share posts and request resources during the 2020 Principal Code Jam
- Built and maintained software using React, Redux, and Spring Boot
- Gained experience with both AWS and Azure
- Followed Scrum and Kanban methodologies

Computer Science 227 Teaching Assistant @ Iowa State University
August 2019 – May 2020 | Ames, Iowa

- Utilized Java and object-oriented programming to explain questions and assist students with understanding course material
- Lead a weekly lab section of 40 students to help solidify programming concepts and skills
- Held office hours for students to receive additional help to ensure their success in the course
- Graded and provided feedback on student's assignments and exams

Software Engineering Intern @ Hy-Vee Inc.
May 2019 – August 2019 | Grimes, Iowa

- Contributed extensively to the development and launch of pharmacy family accounts, a web application dedicated to allowing users to manage prescriptions for their authorized family members
- Utilized React and Redux to build interactive front-end pages for pharmacy family accounts
- Developed and maintained RESTful APIs using .NET Core with C#
- Wrote tests to provide 100% test coverage to follow TDD methodologies
- Worked using the Scrum Agile framework

EXTRACURRICULAR INVOLVEMENT

ISU GENRE Music Club
Club Secretary | August 2018 – May 2019

- Responsible for sending weekly emails to club members to keep them informed about club activities
- Took notes during official club meetings to keep records for executive club members
- Assisted with setting up various club meetings and concerts throughout the semester

EDUCATION

Iowa State University
August 2017 – Expected May 2021 | GPA: 3.27

- Software Engineering Major
- Cyber Security Minor
- Dean's List Spring 2020

SKILLS

Languages and Technologies
C#, JavaScript, Python, Java, C, C++, HTML, CSS, SQL

Frameworks & Technologies
React, Redux, Node, Spring Boot, ASP.NET Core, Django, Android Studio, Git, AWS, Azure

PROJECTS

Guitar Tab Network

- A web application that provides guitarists with all the information they need when learning a new song, using Spotify's public API
- Includes a social media-like feed for users to post videos of themselves playing songs and receive feedback from other guitarists
- Built using React and Django

Animal Photos Twitter Bot

- A Twitter bot that posts pictures of cute animals throughout the day
- Built using Python, Twitter's API, and Reddit's API
- @247Animals

ExerCYze Mobile Workout App

- Android app that allows users to create workouts and share them with their friends
- Built with a Java front-end and a Spring Boot back-end

ACTIVITIES

- Iowa State Run Club
- Computer Science and Software Engineering Club
- HackISU