Adrian LaCour

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EDUCATION

University of North Texas   May 2019

    Cumulative GPA: 3.6 | Graduation Date: May 2019
    Bachelor of Science, Computer Science

    Certificate in Technical Writing   Expected Nov. 2019
    Certificate in Cybersecurity   Expected Nov. 2019

WORK EXPERIENCE

Application Developer – Allstate   June 2019 - Present

- Designed and implemented stored procedures, views, and other application database code objects to aid complex mappings in SAP and SQL Server systems.
- Implemented Python and Bash scripts, saving the team 150+ hours per month.
- Collaborated with senior developers to analyze and implement necessary changes when transitioning to a new system.
- Created documentation for new and existing processes, per SOX regulations.
- Analyzed old code and added comments to lessen technical debt.

PROJECTS

React Web Application – Face Detection Website

- Created a full stack website using React, JavaScript, Node.js, and PostgreSQL.
- Deployed website on a cloud platform service, Heroku.
- Used Clarifai API in order to detect faces using AI recognition.
- Allowed users to track their "score" based on the number of images they uploaded.

Android Application - Dungeons and Dragons Companion App

- Led a team of 5 to develop a Dungeons and Dragons companion application using Android Studio, Java, and Agile methods.
- Saved over 90 hours of manual data entry by creating a Python script to parse RESTful APIs.
- Maintained the back-end of the application using Cloud Firestore.
- Ran a user tests, using JUnit, to determine improvements and implementation oversights.

Python Django – Personal Website

- Designed and configured a PostgreSQL database and back-end applications.
- Handled development and management of front-end user interfaces, with help of HTML, CSS, Python, and JavaScript.

SKILLS

Languages:

    C++, C, Java, Python, SQL, JavaScript, HTML, CSS, XML, MySQL, Prolog

Technologies/Frameworks:

    Git, JIRA, React, Node.js, SAP HANA, SAP Data Services, Google Firebase Cloud Firestore, Android Studio, Django, Linux, SQL Server, phpMyAdmin, WordPress, AWS, Trello