CHRIS KING

nightfallavalon@gmail.com | 480-560-4774 | Phoenix, AZ 85017 | LinkedIn https://www.linkedin.com/in/kingcoding

Summary

Full-Time Bilingual Student at Grand Canyon University, currently pursuing a B.S in Software Development/Engineering. Looking to leverage my talents in the industry and challenge my programming arsenal through professional experience.

Technology Experience

High-Level Languages: Java, C#, Python

Web 1.0: PHP, HTML 5, JavaScript, CSS

Front-End Framework: Bootstrap, Razor, Laravel, Thymeleaf

Databases: MYSQL, PostgreSQL, MongoDB Processing, Computer Vision

Server-Side Framework: ASP.NET, Spring, Java EE, JSF

DevOps: Jenkins, Maven, Redhat Satellite, OpenShift

Rest API's: Postman

Software Design Pattern: Model-View-Controller

Project Management Software: Jira

Delivery Methodologies: Agile, Waterfall.

Development Tools: Microsoft Visual Studio, Eclipse, Android Studio, Spring Tools Suite, GitHub

Cloud Containers: Docker, Kubernetes

AI/Machine Learning: TensorFlow, Natural Language

Operating Systems: Unix, Windows, Kali Linux

Cloud Platforms: AWS, Google Cloud, Heroku, Azure, VMware, Virtual Box

Architecture Tools: Visio, UML, ER

Application Servers: Tomcat, JBoss

Notable Projects

- **TARS.ai Weather Bot (In-Progress)**

TARS is an Artificial Intelligence system that communicates with the user, and is integrated with a variety of API's to provide meteorological data. A GPT-3 API is also integrated into TARS so that it can answer anything that it wasn't explicitly trained on. TARS' memory is stored in the cloud via MySQL database.
Technologies used: Python, Tensorflow, Keras, NLTK, MySQL Database, AWS Services, GitHub, APIs

- **Blockchain Web Application (In-Progress)**

Online web application that allows users to register and earn crypto by completing programming-related questions and send their crypto to other users via their account's wallet. A combination of Bouncy castle and Java Security encryption is leveraged to create a blockchain which is stored in a SQL database.
Technologies used: Java, Spring, Bootstrap, SQL Server, MySQL Database, Thyme leaf, GitHub, Java Security, Bouncy Castle

- **Networking Web Application**

Online web application users can register to create a networking profile, view other users' profiles, and join groups for social networking.
Technologies used: PHP, Laravel Framework, SQL Server, MySQL Database, Bootstrap, Eclipse

- **Rat in Maze DFS Algorithm**

Algorithm written in Java that can take in a text file containing a maze, drawn with binary numbers. A binary rat can trace a path from the start to finish labeled within the maze. Every time the rat runs into a dead end, it will retrace its steps and try a different path. **Technologies used**: Java, Replit

Certifications

- Scaled Agile SaFe DevOps Professional Certification
- I am currently enrolled in Coursera courses to complete my DeepLearning.AI TensorFlow Developer Professional Certification
- I am currently working with the GCU Technology Club to complete my AWS cloud certification.

Professional Experience

08 2022 – 12 2022

Software Engineer Intern • Intel

Working alongside other high performance computing experts to develop the world's leading software systems and improve system performance.

05 2022 – 08 2022

DevOps Engineer Intern • Travelport

Collaborated with development teams and IT staff, leveraging processes, tools, and methodologies to support the Software Development Lifecycle, and integrate systems across the infrastructure.

03 2023 – 05 2023

Volunteer Teacher, Technology • Murphy Elementary School

Utilizing skills in embedded systems, as well as communication and leadership, to teach technologies such as microcontrollers at Murphy Elementary School.

Education and Affiliations

Grand Canyon University | Phoenix, AZ *2023*
- Bachelor of Science in Software Development *Expected in 04/2023*

Grand Canyon University | Phoenix, AZ *2021*
- Associate of Science in Computer Programming

Perry High School | Gilbert, AZ *2019*
- High School Diploma, AP Computer Science