CHRIS KING

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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	**Delivery Methodologies:** Agile, Waterfall.
Web 1.0: PHP, HTML 5, JavaScript, CSS	**Development Tools:** Microsoft Visual Studio, Eclipse,
Front-End Framework: Bootstrap, Razor,	Android Studio, Spring Tools Suite, GitHub
Laravel, Thymeleaf	**Cloud Containers:** Docker, Kubernetes
Databases: MYSQL, PostgreSQL, MongoDB	**AI/Machine Learning:** TensorFlow, Natural Language
Processing, Computer Vision	
Server-Side Framework: ASP.NET, Spring, Java EE, JSF	**Operating Systems:** Unix, Windows, Kali Linux
DevOps: Jenkins, Maven, Redhat Satellite, OpenShift	**Cloud Platforms:** AWS, Google Cloud, Heroku, Azure,
Rest API's: Postman	VMware, Virtual Box

Software Design Pattern: Model-View-Controller **Architecture Tools:** Visio, UML, ER **Project Management Software:** Jira **Application Servers:** Tomcat, JBoss

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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