

Hexx King

Full Stack Software Developer

DevOps Engineer

Remote | South Carolina, USA

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github.com/HexxKing

Computer engineer with a strong educational background in full-stack software development, cloud computing, data science, machine learning, IT, networking, cybersecurity, and AI prompt engineering. Passionate about leveraging technology for socially-conscious solutions and promoting diversity in the workplace.

TECHNICAL SKILLS

Languages: Bash, Python, JavaScript, SQL, CSS, HTML, Markdown

Frameworks: React, Bootstrap, SciKit-Learn, NLTK, Pandas, Numpy, Django, Node.js, pytest, jQuery

Tools: Visual Studio Code, Jupyter Notebooks, Wireshark, Nmap, Cisco Packet Tracer, RADIUS, OpenVPN, Powershell, Git, CLI, Docker, GitHub, Postman

Operating Systems: MacOS, Windows OS, Windows Server, Ubuntu OS, Ubuntu Server, Kali Linux, pfSense

Platforms: AWS, Windows Active Directory, Heroku

Databases: MongoDB, PostgreSQL

EXPERIENCE

Code Fellows - Lead Curriculum Developer & Lead Instructor

March 2021 - October 2023

- Instructional Certifications:
 - Code 301: Intermediate Software Development
 - Ops 201: Foundations of Computer Operations
 - Ops 301: Networking and Systems Administration
- Showcased continuous development through rapid advancement from TA and Tutor to Lead Curriculum Developer & Instructor.
- Optimized program satisfaction through course overhaul and curriculum alignment, exceeding industry standards .
- Championed operational efficiency through diagnoses and resolution of over 100 Issues as tracked on company GitHub repos.
- Educated and empowered diverse student cohorts through live lectures and individualized support, resulting in a sustained NPS score of 100
- Coached students into new career roles based on unique skill sets, resulting in 93% graduate placement
- Quickly resolve technical issues, documenting solutions for future use to maximize staff efficiency.

- Increased student retention from >35% to >80% average over 1 year with 400% enrollment increase.
- Refined and implemented standards for maintenance of various hardware and software environments.

Oregon Dept of Education - Intermediate Software Development Educator

September 2021 - 2022

- Pioneered software development instruction for Oregon high school students, creating assignments, lectures, teaching materials, reference guides, and handling grading in a brand new part-time role with the Oregon Department of Education.

EDUCATION

Code Fellows, Seattle, WA

April 2020 - January 2021

- Code 401: Advanced Software Development in Python

References available upon request.