Caleb A. Nichols

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Harvard CS50 graduate seeking a full-time role in Software Engineering. Recently completed full stack web application built using Python, PostgreSQL, HTML, CSS, Javascript, Flask and Jinja templating.

WORK & RELEVANT EXPERIENCE

Food-for-you **Web application** [July 2022]

- Created backend route functions using Python/Flask including login wrapper function / Post and Get methods
- Implemented user, profile and favorites database tables using PostgreSql
- Implemented multiple dynamic API endpoints using Spoonacular API
- Created 21 html pages including dynamic content per user, displayed using Jinja templating
- Implemented user input form validation using both Javascript and Python checks
- Developed using VScode / Git commands across multiple workstations
- Deployed full Python web application / Postgresql database to Heroku web server

IT Specialist, Georgetown KY, Vuteq [December 2021 - Present]
- Troubleshooting / debugging using Event Viewer
- Maintaining Windows server 2011-2019
- Supporting Office workstations (Windows 10, AD)

Apple Support Advisor, Lexington KY, Conduent [December 2019 - November 2021]
- [Apple Devices Support Advisor - Trained on supporting iPhone / iOS and Mac / MacOS]
- [Customer Sales Support Advisor - Trained on supporting new Apple device purchases and resolving Order issues]

EDUCATION

Harvard CS50 Introduction to Computer Science Course (Completed May 2022)
CS50 teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development

Google IT Support Professional Certificate (Completed November, 2021)
Eight-month IT support program, developed by Google, that covers troubleshooting, customer service, networking, operating systems, system administration, and security

University of Kentucky Computer Science - Sophomore (2014 - 2015) GPA Within Major 3.12
Introductory classes for Computer Science - Python / C++

TECHNICAL PROFICIENCIES
Python, SQL, Flask, HTML, CSS, Javascript, Postgresql, Git, C, Linux and Windows command line

ADDITIONAL SKILLS / INTERESTS ● Recreational Soccer ● Mountain climbing