

Nickolas Piraino

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SUMMARY

As a software engineer, I possess over 2 years experience in software engineering, system administration and startup experience. My expertise lies in both front-end and back-end development. Recently I have taken up projects to learn React and Nextjs integrating Postgresql and MongoDB. Beyond my technical know-how I am known for my strong communication skills and continuous growth as a developer and eagerly seek opportunities to make meaningful contributions to projects and teams. Personally, I love being active, playing sports or just competing in general.

EDUCATION

Florida State University

Graduated in December of 2021 with a BS in Computer Science and a minor in Mathematics

TECH SKILLS

Languages

•HTML5 •CSS •JavaScript
•Reactjs •Nodejs •PHP
•Python •Bash

Databases & Web Servers

•MongoDB •Postgresql
•Apache HTTP Server

Technologies & Software

•Tailwindcss •Bootstrap
•VScode •GitHub
•Amazon Web Services

OS Experience

•CentOS 7/8 •Ubuntu 14
•Windows 10/11 •RasPi
•Rocky Linux

LINKS

[linkedin.com/in/nick-piraino](https://www.linkedin.com/in/nick-piraino)
[codewars.com/users/KwNick305](https://www.codewars.com/users/KwNick305)
github.com/KwNick
leetcode.com/404Hero/

WORK EXPERIENCE

Researcher

Supervised by Michael Gubanov | June 2021 – Dec. 2023 | Department Computer Science, FSU

Focused Project: covidkg.org

- Experience in an experimental startup, where I was the team lead of up to 8 other collaborators working daily. Oversaw each individuals role and progression towards creating a trustworthy, up-to-date medical resource for anyone to use. Our team successfully completed NSF I-corps innovation regional and national program, received funding from Amazon.
- Manually configuring and troubleshooting 6 physical hardware mounted rack servers. Integrated Amazon web Services S3 buckets and custom EC2 instances. Attributed to the front-end(Bootstrap, JQuery D3JS, Observablehq, Apache echarts, phpMongo Driver), back-end(mongod) and machine learning(tensorflow, spark) requirements of our system.
- Determined user requirements alongside Dr. Gubanov, to design and implement new code or modify existing code. Held weekly team meetings to discuss our results.

Assistant Systems Administrator

James Wang | July 2018 - Dec 2021 | Systems Group, Department of Computer Science

- Assisted computer science department networks and staff. Very team oriented work space.
- Online and in-person IT technical support/customer services. Maintaining and repairing over 20 of the departments printers, scanners, and copiers, maintaining inventory database, administering department's backup and restore system.
- Maintaining the backup disk drives, making custom length CAT5e cables, installing departments testing DNS and DHCP servers in CentOS 7, downloading Software, setting up workstations for labs.

Waiter

June 2022 – Present | Pancho's Mexican Grill Restaurant:(850) 354-8220 | 1525 W Tennessee St, Tallahassee, FL

PUBLICATIONS

"Hybrid Metadata Classification in Large-scale Structured Data sets" Sophie Pavia, Nick Piraino, Kazi Islam, Anna Pyayt, Michael Gubanov, invited paper in the journal of Data Intelligence, Rinton Press, Special Issue on "Best of DEXA", 2021 "COVIDKG.ORG - a

Web-scale COVID-19 Interactive, Trustworthy Knowledge Graph, Constructed and Interrogated for Bias using Deep-Learning" Bhim Kandibedala, Anna Pyayt, Nick Piraino, Chris Caballero, Michael Gubanov, to appear in EDBT, 2023"