Kendell Barry
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Education

Bachelor of Science in Computer Science Minors in Mathematics and Catholic Studies
Duquesne University, Pittsburgh, PA   May 2024
                                                                                                                GPA: 3.21

Skills

Java	Git	Linux	JavaScript	Python
HTML/CSS	Bash	CI/CD (GitHub Actions)	C++	Docker
SQL	Nix	AWS	Anisible	Go

Projects

uptime

- Developed a lightweight uptime monitoring web application in Go with an API to retrieve status data
- Followed best practices to write API tests using Postman
- CI/CD through GitHub Actions

CodEd

- Designed and implemented an online IDE for Java coding assignments
- Built using Node.js, MongoDB, JSDoc, Rollup, Xterm, and CodeMirror6
- CI/CD through Github tested using jest, Postman, and Selenium

HomeServer

- Actively maintain Ubuntu server hosting Docker services accessible through vpn
- Grafana and Prometheus to monitor metrics and performance.

WebWatchTogether

- Developed a P2P web app using WebRTC and JavaScript to watch real-time video with friends.

GDriveEncrypt

- Built a Python program to automate secure file transfer through Google Drive
- Utilzing AES encryption and Google Drive API

Work Experience

Forest Hills Public Works, Pittsburgh, PA   May 2021 – August 2023
Laborer

- Maintained public worksites to maintain safety standards and participated in leadership for new team members, improved productivity, and fostering collaboration.

Accomplishments

- **2023 Poster Presentation for Tech Ethics Symposium** HTTP/S Cookies: Risks, Mitigation's and Policies
- **2020 Eagle Scout** Storm Drain Marker Installation