

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

- **Technical Skills:** Proficient in Java, Git, and GitHub; knowledgeable in JavaScript, Python, SQL, C++, Ruby, Ansible, Bash, and AWS.
- **Personal Traits:** Problem Solver, Persistence, Collaborative, Detail Oriented

Projects

- **CodeEd (2024):** Designed a platform for students to complete coding assignments using an integrated online Java editor, built with JavaScript, Node.js, and MongoDB, utilizing GitHub for CI/CD and Rollup for bundling.
- **HomeServer (2023 - Present):** Manage a Linux home server on Ubuntu, maintaining applications and services, performing regular updates, and utilizing Docker for efficient resource management and scalability. Set up Grafana and Prometheus to monitor key metrics and send prompt alerts for proactive performance optimization.
- **WebWatchTogether (2023):** Developed a P2P web app using WebRTC and JavaScript for real-time video watching with friends, featuring an HTML/CSS front end.
- **MarioKartRandomizer (2023):** Created a Python program to enhance randomness in track selection for Mario Kart 8 Deluxe gameplay.
- **GDriveEncrypt (2023):** Built a Python program utilizing AES encryption and the Google Drive API to secure files for storage, applying skills from a Computer Security class.

Work Experience

Laborer

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

- Maintained public worksites to uphold safety standards and led training sessions for new team members, enhancing 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

Interests

- Self Hosting Applications on Linux
- Member of the Association for Computing Machinery
- Computer Security and Privacy
- Building Computers