Asa LeHolland

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PROJECTS

Minerva Music App | *Python, MongoDB, Flask, Bootstrap*   March 2021 – Present
- Developed backend and built noSQL database for a simple web app to promote music artists
- Project was awarded 'Best Use of MongoDB Atlas' at 2021 HackOR Hackathon

Computer Inventory Management Database | *MySQL, PHPMyAdmin, Python, Flask*   Jan. 2021 – Present
- Designed and developed a web app to manage inventory for a mock computer distribution company

Flash Learning | *SQLAlchemy, Python, Bootstrap, Flask*   Dec. 2020 – Jan. 2021
- Developed a simple Hackathon web app that allows children from grades K-8 to review flashcards

Email Drafter | *Python, Selenium, pywin32, BeautifulSoup*   Oct. 2020 – Dec. 2020
- Reduced average draft time by 100% by scraping details from two company websites

EDUCATION

Bachelor of Science in Computer Science   Jan. 2020 – June 2022
Oregon State University   *Corvallis, OR*
- Coursework: Databases, Data Structures, Algorithms, Web Development, Object Oriented Programming, Discrete Mathematics

Bachelor of Science in Conservation Biology   Aug. 2015 – June 2017
University of California, Davis   *Davis, CA*
- Relevant Coursework: Database Management Systems, Data Science, GIS, Statistics

PROFESSIONAL EXPERIENCE

Environmental Data Analyst   Feb. 2020 – Present
A-Tech Consulting, Inc.   *Orange, CA*
- Modified SQL queries in Telerik web designer reports to populate generated reports
- Identified bugs and verified weekly bugfixes via manual testing of web development ticket items
- Wrote hundreds of technical reports for insurance clients

Peace Corps Volunteer   Sept. 2017 – Nov. 2019
Peace Corps Senegal   *Matam, SN*
- Built Access databases and trained 110 colleagues on Excel and data collection tools
- Wrote small grant proposals and managed budgets for ~$7,100 of grant funds

TECHNICAL SKILLS

Languages: SQL (Familiar), JavaScript (Familiar), R (Familiar), Python (Proficient), HTML/CSS (Proficient)
Frameworks: Flask, Bootstrap, Node.js
Methodologies: Agile
Project Management Tools: Azure DevOps, Asana, GitHub Issues, Microsoft Planner, Git
IDEs: Visual Studio Code, Sublime, PyCharm
Design Tools: LucidChart, Drawio
Productivity Tools: Airtable, Teams, Slack, Splashtop
Libraries: Selenium, Kivy, pandas, docx, pywin32, BeautifulSoup