Emiko Bell

Software Engineer

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linkedin.com/in/emikobell | github.com/emikobell | emikobell.github.io

TECHNOLOGIES

Languages | Python, JavaScript (AJAX, JSON), Java, HTML, CSS, SQL, R, MATLAB, Markdown
Frameworks & Libraries | Node.js, React, Flask, Bootstrap, Jinja, Liquid, Maven, Spring, Selenium, JUnit
Database & Industry Tools | PostgreSQL, NoSQL(MongoDB, Firestore), Git, GitHub, Bash, AWS, JIRA
Tools/Software | Microsoft Excel, TeamDynamix iPaaS, Postman, SPSS, Docker

PROJECTS

Wrap App | github.com/emikobell/wrap-app
A single-page web app that shows an authenticated user's historical listening summary of Spotify tracks, artists, and genres. The backend is built with Python, Flask, and PostgreSQL. The frontend is built with Node.js, React JS, and Bootstrap. The app is deployed on a Linux server (Ubuntu) with AWS.

URL Shortener | github.com/emikobell/url-shortener
A command-line interface (CLI) that shortens long URLs by creating a key in a MongoDB database and converting the key to a base62 format. The server is built with Java, Spring Boot, Spring Data (MongoDB), Maven, and JUnit (for unit testing). The CLI is built with JavaScript, Node, AJAX, and Inquirer. Both the server and CLI are containerized with Docker.

WORK EXPERIENCE

IT Service Management Specialist   **Feb 2022 – Mar 2023**
Biola University, La Mirada, CA
- Collaboratively designed and implemented an ITIL 4 ITSM framework for service requests, incident management, asset management, and change management in an Agile environment
- Developed and configured ITSM processes to help increase efficiency by 25% on all services
- Optimized and automated processes using integrations, creating and consuming RESTful APIs
- Led implementation and administration for service management platforms such as Web Helpdesk and Team Dynamix ITSM
- Created and reviewed user-facing web portals using TerminalFour CMS

Research Assistant (Data Analyst)   **Oct 2020 – Feb 2022**
University of Oxford, Oxford, UK
- Analyzed and visualized cognitive assessment data using R and presented results
- Conducted complex statistical data analyses using R
- Developed memory-tracking software to assess neurodegenerative diseases using JavaScript and Python

IT Helpdesk Representative   **Aug 2016 – Jul 2020**
Biola University, La Mirada, CA
- Provided laptop, desktop, and classroom technical support for users with the highest number of tickets resolved per week among tier 1 technicians
- Led technical orientation for faculty, staff, and support workers
- Assisted in the launch and implementation of software and IT service offerings

EDUCATION AND TRAINING

Hackbright Academy, Remote   **June 2023**
Software Engineering Fellowship - Accelerated, 12-week, software engineering program sponsored by Walmart.

University of Oxford, Oxford, UK   **November 2021**
Master of Science, Psychological Research - Graduated with Distinction
Coursework included:
- Statistical Theory and Methods
- MATLAB Programming
- Computer Modelling of Brain Function (neural networks)

Biola University, La Mirada, CA   **December 2019**
Bachelor of Arts, Psychology - Graduated Summa Cum Laude
Coursework included:
- Statistics with SPSS
- Advanced Statistics
- Industrial/Organizational Psychology
- Experimental Psychology

CERTIFICATIONS
ITIL 4 Foundation
PeopleCert
GR671418653EB

ACTIVITIES/INTERESTS
Cooking, knitting, gaming, bouldering, visiting national parks

LANGUAGES
Japanese - Native/Bilingual
English - Native/Bilingual