

CONOR BAILEY

CONTACT / LINKS

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ABOUT ME

My passion for programming / development started from the very first moment I began coding my very first Python console application game of Tic Tac Toe. Ever since I have been fascinated by the endless possibilities programming brings. The skills I have acquired have helped me tremendously by allowing me to create and deploy software used by myself and my colleagues to automate repetitive process' as well as to develop my own games. I also share what I learn on my YouTube channel. Please see some examples of my projects below.

EDUCATION

UDACITY FULL STACK WEB DEVELOPER
NANODEGREE
Graduated: August 2019

UDACITY DATA ANALYSIS NANODEGREE
Graduated: February 2020

UDACITY JAVA WEB DEVELOPER NANODEGREE
Currently enrolled

SKILLS

JavaScript • TypeScript • React • Node JS
Python • Django/Flask • PostgreSQL • Java •
Spring Boot • Microsoft SQL Server • HTML5 • CSS3
• Git • Linux

PROJECTS

COMPANY ANALYSIS TOOL

<https://www.companyanalysistool.com/>

<https://www.github.com/conorbailey90/web-scraper-app>

- Application built using Node JS, Express, PostgreSQL, Puppeteer and JavaScript.
- Implements multiple third-party API's and back-end web scraping functionality using Puppeteer.
- Implements local strategy user authentication where user details are stored securely in the PostgreSQL database.
- Automates company information gathering for KYC.

JAVASCRIPT MAZE GENERATOR

<https://conorbailey90.github.io/Javascript-DFS-Maze/>

<https://github.com/conorbailey90/Javascript-DFS-Maze>

- Maze generation game implemented with vanilla JavaScript, HTML5, CSS.
- Implement object-oriented programming principles, the Stack data structure, Depth First Search and Recursive Backtracker algorithms.

PERSONAL BLOG

<https://www.conorbaileyapi.xyz/>

<https://github.com/conorbailey90/django-rest-api>

- Blog post REST API built using Python, Django, Django REST Framework, PostgreSQL and React.
- Blog posts are stored in the back-end Postgres database and serialized into JSON format.
- Posts can be viewed on my personal website at: <https://www.conorbailey.dev/blog>

ITEM CATALOGUE (UDACITY PROJECT)

[http://ec2-35-178-196-68.eu-west-](http://ec2-35-178-196-68.eu-west-2.compute.amazonaws.com/catalogue/)

<2.compute.amazonaws.com/catalogue/>

<https://github.com/conorbailey90/item-catalogue>

- Full stack CRUD application built with Python, Flask, SQLite, JavaScript, HTML, CSS.
- Implements Google Oauth2 user authentication where users can register to add, read, edit and deleted items from the site.

WORK EXPERIENCE

SANTANDER UK PLC | MI Developer, Transaction Monitoring

July 2018 - Present

- Developed and deployed the Company Analysis Tool, using Node JS and JavaScript used by analysts to automate the customer information gathering process for KYC (Know Your Customer) purposes.
- Overseeing the implementation and maintenance of the Alert Optimisation Tool (AOT) used to monitor all bank transactions for potential suspicious activity. AOT was built using Microsoft SQL Server and Microsoft Access

SUMITOMO MITSUI BANKING CORPORATION | Assistant Vice President, FCMO

July 2016 – July 2018

- Working closely with IT, Compliance and system Vendors to incorporate system and operational process flow, change management and User Acceptance Testing.
- Conducting enhanced AML/sanctions screening of all transactions involving SMBC Dubai including checks on all underlying documentation (invoices, transport documents etc).

Bank of Tokyo Mitsubishi UFJ | Senior Associate, European Compliance Division

October 2008 – July 2016

- Supervisor level sign-off for sanctions and AML investigations, trade finance screening and live and post transaction sanction screening, applying current OFAC, HMT, EU and JFEL regime rules, as well as POCA, JMLSG and internally created procedures and best practice.
- Designed and maintain internal sanctions process guide, which provides live data, processes, procedures, workload/project diaries and other information which is widely used within the bank's financial crime functions.
- Real time sanctions/AML screening of Swift messages, BACS, SEPA and UK low value domestic transactions using the Logica Hotscan payment filter system.

References available upon request.