

Albert R Carter

Programmer,
Engineering Manager

Nijmegen, Netherlands

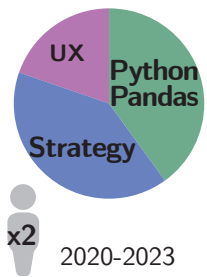
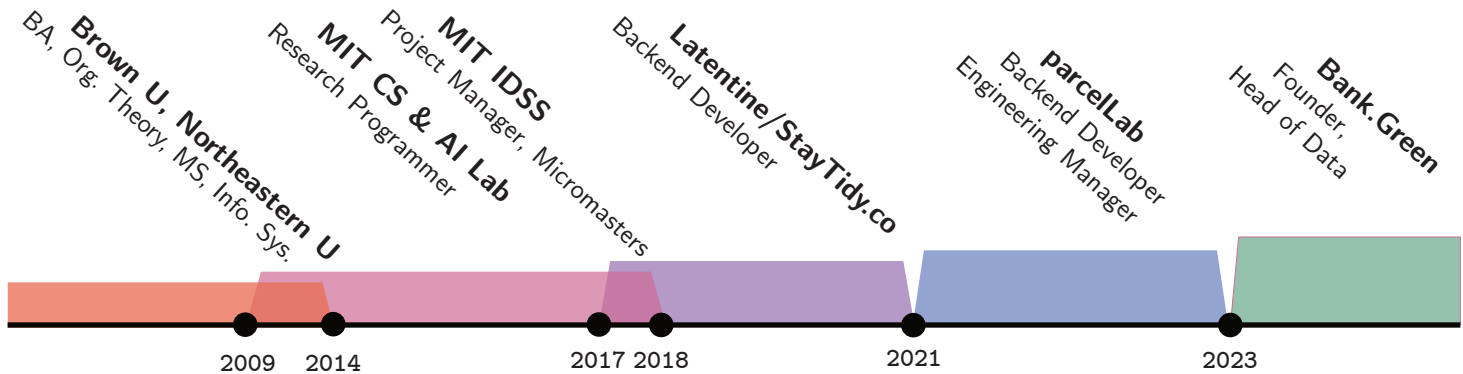
authorized to work in the Netherlands

willing to work remotely

B1 Dutch, Fluent English, C1 Vietnamese

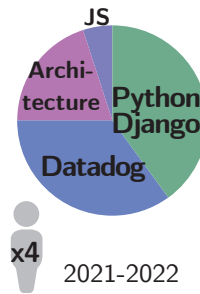
github.com/RogerTangos

al@albertrcarter.com



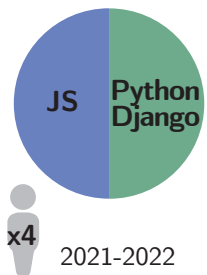
Bank.Green

- a project to restrict financing of fossil fuels
 - built team, wrote blog posts
 - contributed to UX flow and branding decisions
 - gathered and extracted bank data
- <https://bank.green>



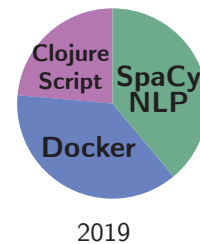
End to End Monitoring

- a project to monitor TB level data collection, processing, and comms
- installed counters in key functions
- created, configured systems generating Datadog monitors, dashboards
- 40% reduction in engineering and operations toil



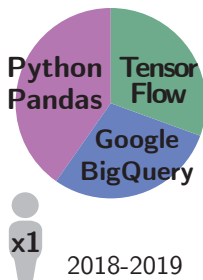
Zelda (Systems Migration)

- migration of live data collection, auth, and cleaning systems
- managed team building and modifying data ingestion systems
- built migration validation scripts
- migrated 100's of systems



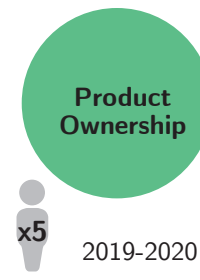
Transcript Transcription

- web app ingesting contorted transcript images and exporting structured data
- wrote service for image deskewing
- created services for text id & extraction
- contributed to frontend




Ocean Shipping Predictions

- web API predicting cargo vessels' next ports of call and arrival times
- engineered, interpolated, cleaned data, prototyping and implementing algorithms
- wrote backend server
- various techniques: sequence generators, DNN's, Markov chains, auto ML ensembles



Comic Science (Organizing)

- scientists and designers accessibly communicating environmental crisis
 - founder and organizer
 - built project-based coalitions
 - recruited team members
- <https://xrscience.earth>

 = number of people managed

Languages, Frameworks, Libraries, & Tools:

Python
Clojure
Javascript
Typescript

SQL
NoSQL
GraphQL

React.js
Django
Flask

Kubernetes
Docker
OpenFaaS

NumPy
Pandas
Jupyter

Datadog
Scikit-learn
TensorFlow