

Albert R Carter

Director, Programmer,
Engineering Manager

Nijmegen, Netherlands

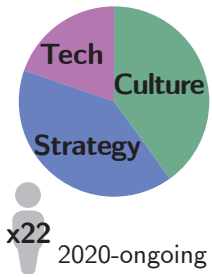
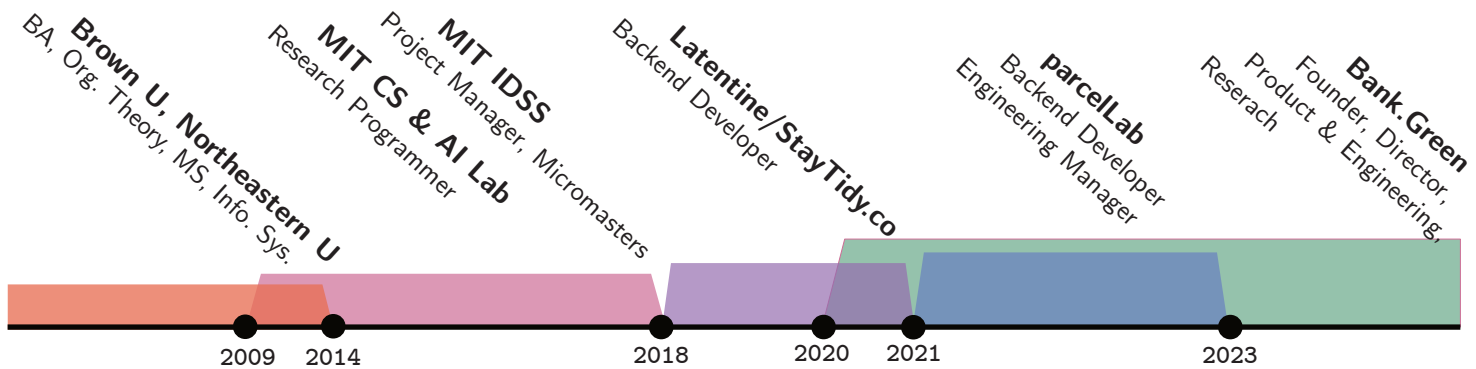
authorized to work in the Netherlands and the USA

willing to work remotely

B1 Dutch, Fluent English, C1 Vietnamese

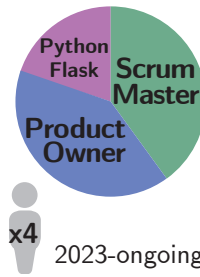
github.com/RogerTangos

al@albertrcarter.com



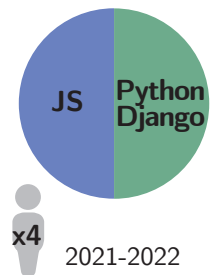
Bank.Green Director, Founder

- a project to restrict financing of fossil fuels
 - built four teams: two P&E, two research
 - Designed to foundational culture, processes, UX flows, infrastructure
- <https://bank.green>



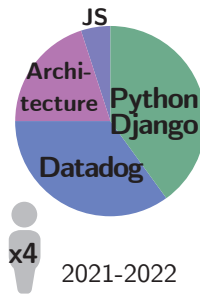
Green Policy Evaluator

- a tool to evaluate financial institution sustainability policies
 - prototyped, designed, and directed implementation
 - onboarded and demoed system
- <https://bank.green/green-policy-evaluator>



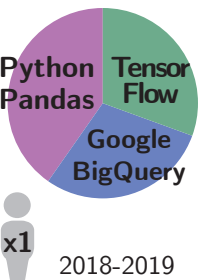
Zelda (Systems Migration)

- 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



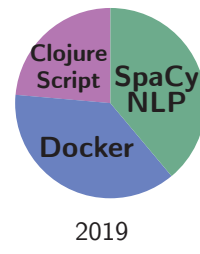
End to End Monitoring

- 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



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



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

= number of people managed

Languages, Frameworks, Libraries, & Tools:

Python	SQL	React.js	Kubernetes	NumPy	Datadog
Clojure	NoSQL	Django	Docker	Pandas	Scikit-learn
Javascript	GraphQL	Flask	OpenFaaS	Jupyter	TensorFlow
Typescript					