

Jack Kleeman

Email: jackkleeman+cv@gmail.com

Born: July 20, 1997

Nationality: British

Education

- 2015-2018 St Catharine's College, Cambridge - Economics
Part I: Class I, ranked 7th/151
Part IIA: Class I, ranked 20th/151
Part IIB: Class I, ranked 9th/151

Work Experience & Career

- 2016-17 Six months at [Everledger](#) as a developer, working on blockchain applications in Go, as well as on Android apps and Python web applications.
- 2016-17 Ten months as a JavaScript & Go developer for Duo Money, working on a client-side cryptography application allowing for OpenBazaar operation in the browser. In doing so, I built distributed backend architectures and worked with peer to peer networking. Eventually I progressed to a CTO role and was integral to fund-raising and hiring efforts.
- 2017 Two months as an Undergraduate Research Fellow at Caltech in the [Social and Information Sciences Laboratory](#), studying algorithmic game theory. I completed a project on search costs in decentralised markets.
- 2017 Five weeks as a Backend Engineering intern for [Monzo](#), building fraud detection tools using Go microservices and Cassandra, as well as front end work in React. The tools I built are used daily by the fraud team.
- 2018- Backend engineer on the Security team at [Monzo](#), where I lead infrastructure projects in the Security team, specialising in Kubernetes, Calico, Envoy and Vault on AWS. I work best in Go, Terraform, and Puppet. My highlights have been leading projects on secret distribution, certificate management, network isolation, and Cassandra authentication.

Recent Projects

[envoy-preflight](#), a wrapper which solves a sequencing problem when writing Kubernetes applications with an Envoy sidecar.

[calico-accountant](#), a Prometheus exporter for the Calico data path, to help with testing network policies.

[Secret distribution](#), a Monzo project where I built a system to completely overhaul the way secrets are stored and managed, using Vault.