

# Lorenzo Zen

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- Work experience**    **08/2021 - Present**    **Senior Investigator (Global Intelligence)  
Coinbase (London, UK)**
- Responded to >150 requests from international LEAs
  - Managed relationship with Italian, French, Canadian, Scandinavian LEAs and worked closely with officers on several investigations
  - Proactively investigated and escalated to law enforcement cases involving TF, exchanges hacks, darknet, Ponzi schemes, money laundering rings, phishing and ATOs, often working cross-functionally with Security and Threat Intelligence teams
  - Trained European and US LEAs on Coinbase Analytics and how to investigate cryptocurrencies
  - Attributed 1M crypto addresses to real entities through open-source intelligence and new clustering heuristics
- 02/2021 – 08/2021**    **Investigator (Global Intelligence)  
Coinbase (London, UK)**
- Responded to >500 requests from international LEAs
  - Managed relationship with Italian, French, Canadian, Scandinavian LEAs and worked closely with officers on several investigations
  - Proactively investigated and escalated to law enforcement cases involving TF, exchanges hacks, darknet, Ponzi schemes, money laundering rings, phishing and ATOs, often working cross-functionally with Security and Threat Intelligence teams
  - Trained European and US LEAs on Coinbase Analytics and how to investigate cryptocurrencies
  - Attributed 3.5M crypto addresses to real entities through open-source intelligence
- 02/2019 – 02/2021**    **Blockchain Researcher (Coinbase Analytics)  
Coinbase (London, UK)**
- Researched technical requirements to list new assets on Coinbase Analytics, led the research on XRP, XLM, DASH, ZEN
  - Studied on-chain patterns and built *ad-hoc* clustering heuristics for >20 cryptocurrency services, including 2 bitcoin tumblers
  - Attributed >10M crypto addresses to real entities through open-source intelligence, including: darknet markets and vendors, TF, stolen funds, scams.
  - Led the data valuation process for external vendors
  - Trained European and US LEAs on Coinbase Analytics and how to investigate cryptocurrencies
  - Supported Coinbase Analytics customers with investigations and product-related issues

**05/2017 – 02/2019** **Cryptocurrency Analyst**  
**Neutrino (Milan, IT)**

- Studied on-chain patterns and built *ad-hoc* clustering heuristics for >25 cryptocurrency services, including 3 bitcoin tumblers
- Attributed >20M crypto addresses to real entities through open-source intelligence, including: darknet markets and vendors, TF, stolen funds, scams
- Trained European and US LEAs on Neutrino XFlow and how to investigate cryptocurrencies
- Supported Coinbase Analytics customers with investigations and product-related issues

**02/2017 – 03/2017** **Intern**  
**Digital Forensics Bureau (Di.Fo.B.)**

- Investigated bitcoin thefts and scams using open-source clustering and tagging tools
- Researched bitcoin clustering heuristics using on-chain transactions and bloom filters

**Education**                      **2015 - 2018** **Master's degree, Strategic Sciences – Politics and Organizations (110/110)**  
University of Turin, Italy

**2012 - 2015** **Bachelor's degree, Strategic Sciences (106/110)**  
University of Turin, Italy

**Publication**                      **2017** Dal Checco P., Zen L. – II

**Skills**                                      **IT** Programming: SQL (intermediate), Python (basic)  
Software applications: Office Package, Google Workspace, Coinbase Analytics, Chainalysis Reactor, Tor Browser  
Operating systems: Windows, Mac OS

**Languages** Italian (native speaker), English (fluent), French (fluent), Spanish (basic)