

Alex Cepoi



PERSONAL DATA

DATE & PLACE OF BIRTH: 10 October 1989 – Romania
LOCATION: London, United Kingdom
EMAIL: alex.cepoi@gmail.com

WORK EXPERIENCE

- PRESENT | Systems Engineer – Google Inc., London
SEP 2014 | *Site Reliability Engineering*
- JUL 2014 | Python Developer – Scrapinghub Ltd (part-time, remote)
APR 2012 | *Web Crawling & Data Processing*
Developed web scrapers, distributed data processing and indexing pipelines and built APIs for exposing this data. Some exposure to natural language processing and near duplicate detection techniques. Also contributing to the *scrapy* project and core platform services.
TECHNOLOGIES: scrapy, HBase, MapReduce, Xapian, AWS, docker
OPEN SOURCE PROJECTS: scrapy
- JAN 2012 | Python Developer – Madrivo Media LLC, Bucharest (part-time)
OCT 2010 | *Email Marketing*
Developed a highly-scalable platform for managing sending campaigns and orchestrating a cluster of PowerMTA servers.
TECHNOLOGIES: gevent, ZeroMQ, Ruby on Rails, WebSockets, PowerMTA
OPEN SOURCE PROJECTS: pyscale, cake
- OCT 2010 | Junior C/C++ Embedded Programmer – Luxoft Inc., Bucharest
JUL 2010 | *Industrial Network Routers Firmware – Hirschmann EAGLE division*
Initial work at porting Lighttpd to the VxWorks platform, as part of a new product series.

EDUCATION

- AUG 2014 | Master of Science in BUSINESS INFORMATICS (MBI)
Institute of Information and Computing Sciences, Utrecht University
Thesis: *A Reference Architecture for a Dynamic Competitive Intelligence System* (grade: 8.5)
Advisers: dr. Marco Spruit, dr. Ad Feelders
External Company: Jibes B.V.
- JUN 2011 | Bachelor of COMPUTER SCIENCE,
Faculty of Mathematics and Computer Science, University of Bucharest
Thesis: *Lossy Compression in Image Coding* (grade: 10)
Adviser: prof. dr. Adrian ATANASIU
- JUL 2008 | Graduated STEFAN CEL MARE National High School of Suceava,
Mathematics and Computer Science Bilingual Romanian – English study profile
Baccalaureate final grade: 9.83

AWARDS AND DISTINCTIONS:

- ★ 4 honorable mentions M.E.R. (Ministry of Education and Research) at the National Mathematics Olympiad
- ★ 3 silver medals R.M.S. (Romanian Mathematical Society) at the National Mathematics Olympiad
- ★ over 30 awards at national and regional Mathematics Competitions

TECHNICAL SKILLS

- LANGUAGES: C/C++, Python, Ruby – advanced
bash, go, R – novice
- TECHNOLOGIES: distributed systems & processing
multithreading & concurrency
RDBMS, NoSQL
- PROCESSES: agile development (Scrum, Kanban)
DevOps / SRE
incident response management
version control systems (git, hg)
- OPERATING SYSTEMS: GNU/Linux (Gentoo, Debian, CentOS)

SPOKEN LANGUAGES

- ★ Romanian – Native
- ★ English – Fluent (*Cambridge Certificate in Advanced English*)
- ★ French, Dutch – Elementary

INTERESTS AND SKILLS

- ★ solid background in statistics, security & cryptography, data compression, machine learning and natural language processing
- ★ longtime Gentoo power user; vim is better than emacs
- ★ focused on horizontal personal growth, with vague interests in economics, leadership and entrepreneurship
- ★ amateur foil fencer and cyclist