Gonçalo Pestana

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EDUCATION

AALTO UNIVERSITY
MEng in Computer Science
2012 - 2016 | Helsinki, FI
Cum. GPA: 3.8/5

LISBON TECHNICAL UNI.
BS IN NETWORKS ENGINEERING
2008 - 2012 | Lisbon, PT
Cum. GPA: 16.2/20 (top2 in class)

LINKS

Github:// gpestana
NPM:// gpestana
LinkedIn:// Gonçalo Pestana
Twitter:// @gpestana
WWW:// gpestana.com

SKILLS

PROGRAMMING
Node.js • Javascript • Python • NoSQL
Docker • Amazon AWS • Elasticsearch
RabbitMQ • React.js • Linux • git
ELK stack • HTTP and TCP/IP stack

OTHERS
Security • Scrum • Work in distributed teams • Communication between technical and non-technical stakeholders

INTERESTS

Distributed Systems • Software architecture • InfoSec • Open source
Rock climbing

EXPERIENCE

F-SECURE | Software Engineer
Feb 2016 - Present | Helsinki, FI

SOFWARE CONSULTANCY | SOFTWARE ENGINEERING AND WEB DEVELOPMENT
August 2013 – | Helsinki, FI and Remote

- Worked and collaborated on projects of software engineering, service architecture, web development and devops.
- Companies: Eduze (eduze.com), Catchbox (getcatchbox.com), C. Sao Tomas (www.colegiodestomas.com), NorthImpact (northimpact.com)

FIVESTARS | SOFTWARE ENGINEER CO-OP
May 2015 - August 2015 | San Francisco, CA

- Started company-wide analytics pipeline. The data was gathered from multiple data sources, parsed and channeled to multiple consumers. Frontend to display data a compeling way to different teams.
- Main technologies: Python, InfluxDB, ELKstack (ElasticSearch, Logstash, Kibana), Grafana, statsd and Angular.js.

CERN - THE EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH | SOFTWARE ENGINEERING RESEARCH INTERN
March 2013 – May 2014 | Helsinki, FI and Geneve, CH

- Conducted research on how heterogeneous hardware can improve energy efficiency of scientific computing at CERN.
- Technologies: Python, Intel RAPL, TI231 chip, ARMv7 and ARMv9 archs.
- Published part of the work on the ACAT 2014 conference journal.

RESEARCH

CERN | SOFTWARE ENGINEERING RESEARCH INTERN
March 2013 – May 2014 | Helsinki, FI and Geneve, CH
Techniques and tools for measuring energy efficiency of scientific software applications. Published at the *16th International workshop on Advanced Computing and Analysis Techniques in physics research (ACAT2014)*

AALTO UNIVERSITY | Research Assistant
June 2013 – August 2013 | Helsinki, FI
Test and implementation of recently published mathematical scheduling algorithm for sensor networks. Technologies:Python, advanced data structures and algorithms.