Leslie RENE

SOFTWARE ENGINEER

Details

San Jose, CA, 95112
United States
3362108446
leslie-reneracon@hotmail.fr

NATIONALITY

French

Links

LinkedIn

Skills

PHP

Linux, Windows

SQL, MySQL

Python, C#, Java, C++

HTML, CSS, Javascript, Vue.js,
Nuxt.js, Electron.js

Git, Bitbucket, Jira

Py unittest, PyQt5/6,
PyQtGraph, WPF...

Hobbies

I am an artist at heart, and grew
up surrounded by art in many
shapes and form.
On my spare time I enjoy doing
music (singing and instrument),
visual digital art and from
time to time few different
art related activities (painting,
photography...etc)

Languages

French

English

Spanish

Profile

Innovative and motivated Software Engineer, Computer Science Master's degree,
Embedded Systems major.

Throughout my 8+ years of experience, I have worked on the the complete Product
Life-cycle (*requirements, specifications, development, testing, support*), all while being
exposed to a wide range of technical environments, technologies and concepts,
included but not limited to : C++, C#, Java, Python, Scripting languages (*Bash, shell,
TCL*), Webdev languages (*HTML, CSS, PHP, Vue.js, Nuxt.js, MySQL custom SQL...etc*),
OOP, state machines, test infrastructure implementation, UI implementation (*PyQT,
WPF*) and so on.

The general shape of my academic background and my creativity, ensure I can
easily pick up any topic within my primary specialization and adapt to any new
environment.

Legally authorized to work in the US, no visa sponsorship required now or in future

Employment History

Software Engineer (in Firmware team), Velodyne Lidar, San Jose, CA

DECEMBER 2020 — MARCH 2023

Support software activities for Firmware Engineering and Production teams (*ALTEN
Technology Consultant*)

Job Description:

- Implemented GUIs, WebUIs, and SDK-related features for both internal and
  external end users (complete product life-cycle)
- Implemented a tests infrastructure, along with Functional Safety unit-tests
- Created scripts to perform Firmware products deployment
- Contributed to knowledge sharing and brainstorming activities (code reviews,
  documentation, demo, trainings)

Tools and Technologies Used:

- Python, PyQt5, PyGraph, HTML5, CSS3, Vue.js, Electron.js
- Protocols exposure (UDP, TCP), Wireshark, MobaXterm, WSL, NoMachine
- Linux, Windows environments and cmd
- Jira, Bamboo, Confluence, Bitbucket, Xilinx suite (Vivado, Vitis, xsct, etc.)
- Test automation with Lab instruments (temperature chamber)

Test Automation Software Developer Engineer, Volvo Trucks North America, Greensboro, NC

MAY 2019 — MARCH 2020

Support the team's daily activities required for the development of Test Automation
Software, to be used by Volvo tests/validation processes (*ALTEN Technology
Consultant*)

Job Description:

- Implemented a C# component interface between a Python Computer Vision
  component, and the rest of the C# automation software
- Code/Components/Processes improvement: refactor, performances
  improvement, code cleaning, traces infrastructure, testing, and testing
  infrastructure
- Participated in team's daily SaFe Agile activities (Jira, PI planning, daily
  stand-ups) as well as code reviews, brainstorming

Tools and Technologies Used:

- Languages: C#, Python
- OS: Windows
- Software versioning management (Git, Bitbucket), Jira, Lean SaFe Agil, CD/CI
- IDE: Visual Studio (with Resharper), Pycharm, Windows command line feature,
- XUnit, CANoe test (scripting + replay), Event-driven State-machines Programming
- Communication protocols: TCP communication

R&D Software Programming Engineer, Dassault Systems, Velizy-Villacoublay, IDF, FRANCE

SEPTEMBER 2014 — APRIL 2019

In ENOVIA Coexistence V5-V6, Data Migration related features development .

Job Description:

- Implemented features to support data migration between Enovia software releases ,
- Intervened on complete Product Life-cycle of said features(requirements, to testing)
- Implemented a data migration UI and back-end for V5 native data migration
- Implemented a few data migrated tools for data migration automation and/or viewing
- Provided client supports (incident analysis, traces retrieval, fix, testing...)
- Took over code and test procedures improvement tasks (performances, trace, etc.)
- Participated in the team's daily activities (release management, incidents analyses..etc.)
- Contributed to code back porting from C++ to Java (Cloud migration)

Tools and Technologies Used:

- Languages: C++, Java, Scripting (TCL, Python, Shell, Bash), MQL (in-house equivalent to SQL)
- OS: Windows (env + cmd), Linux (env + cmd)
- Off-the-shelf Software Versioning Management tool, CD/CI
- Visual Studio, Eclipse, Putty, JUnit

Education

Master's, Ecole Centrale d'Electronique - ECE, Paris, FRANCE

SEPTEMBER 2010 — JULY 2013

Graduated with honors, Major: Embedded Systems, Minor: Robotics/ Int'l Relations

- **Embedded Systems Eng Internship** Beijing University, China Feb–July 2013
- **Management Seminary** UC Irvine, California, USA August 2012
- **Student Exchange Program** INTI University, Malaysia Jan–May 2011

Bacchelor of Sciences (Physics), Lycee Marguerite de Navarres, Bourges, FRANCE

SEPTEMBER 2003 — JULY 2007

Graduated with honors, Major Physics

References

Rob Reist from Ouster (previously Velodyne Lidar)

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Aaron Chen from Apple

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