Christopher Chiche - Full-Stack Engineer

contact@christopherchiche.com – www.christopherchiche.com - +41 76 822 01 42
27 y/o - French - Driving license - Swiss work permit B - Lausanne, Switzerland

About me

Polyvalent - Innovative - Engaged - Forward thinker - Open Minded - Leader - Team Player
Independent - Dynamic - Technologist

Experience

2016-PRESENT – SOFTWARE ENGINEER, 28MSEC, ZURICH, SWITZERLAND
- **Front End Development**: In charge of building from scratch a web application for the database product of the company. Using the latest technologies, the product is to revolutionise the spreadsheet sector through big data.
- **Coding**: JavaScript/Typescript, React, Redux, Material Design, Excel export, RESTful APIs.
- **Environment**: Atom, Github, Jasmine, Nightwatch, CircleCI, Saucelabs, Google apps for work

2016 – FOUNDER, LINGO BOT, ZURICH, SWITZERLAND
- **ChatBot:** LingoBot is a chatbot aimed at learning and practicing foreign languages. Through machine learning and artificial intelligence, the bot can both correct and stimulate conversations.
- **Startup Weekend:** Winner of the Swisscom special prize of 1000CHF and 2 months of coaching in their startup hub (Swisscom Pirates hub).

2013-2015 – SOFTWARE ENGINEER, OPTUMSOFT, MENLO PARK, CALIFORNIA (REMOTELY)
- **Distributed systems and networks**: Build distributed applications, improve distributed software and solve core problems in the system using c++ and python. Wrote an API for the internal DB in JavaScript. Improved the C++ and Python APIs.
- **Work under the supervision of Prof. David Cheriton:** Head of Stanford's distributed system group.
- **Customer engagement**: Data visualisation and front-end prototyping using d3.js and React.js.
- **Internal tools**: Integrated automated testing for JavaScript code to an internal continuous integration system, internal services upgraded to use latest technologies such as front-end rendering and internally developed database system instead of MySQL databases.
- **Documentation**: Lead of technical writers team, create data flows and processes, write documents.
- **Team**: Mentor of interns and new hires, promotion of new communication mediums such as Slack and Trello, team building events.
- **Programming languages**: Python, JavaScript, C++, TACC (internal programming language), bash.
- **Environment**: Bugzilla, vim, Asciidoc, Google apps for work

2013 – MASTER THESIS INTERNSHIP, OPTUMSOFT, MENLO PARK, CALIFORNIA
- **Project:** Real time monitoring and scaling of a highly distributed and performant hash table.
- **Key skills:** Low performance impact through reactive programming. Data visualisation using d3.js.

- **Customer demo prototypes:** Promoted the company's programming language and products by creating proof of concept end to end applications.

2012 - CO-FOUNDER AND LEADER OF THE "LIGHTPAD" PROJECT
- **Project**: Create a product to help manage small lightning setups (clubs, restaurants…) with an iPad.
- **Role:** In charge of the business side of the project. Filed multiple venture contest applications, defined the pricing of the product, wrote a business plan.
- **Achievements:** Finalist of the AXA Venture Award.

2010-2012 – PRESIDENT, CLIC, COMPUTER AND COMMUNICATION SCIENCES STUDENTS ASSOCIATION, EPFL
- President and founder of the association
- Lead the association in order to organize events with up to 300 participants and represent student's interests.
- Did all the administrative work to create the association.

Education

EPFL, SWITZERLAND – 2009-2013
Master and Bachelor in Communication Systems - Specialization in Signals, Images and Interfaces.
Relevant classes: Algorithms, Signal processing, Computer networks, Cryptography, Image and Video processing, Advanced Programming in Scala, Human Resources in Projects, Technology and Innovation management.

LYCÉE MASSENA, NICE, FRANCE - 2007-2009
Preparatory classes for grandes écoles (MPSI-MP). Advanced Mathematics and Physics.

Skills

Programming	Python, JavaScript (ES6), Java/Scala, C++, HTML5/CSS3, React, Redux, d3.js, Twitter Bootstrap, Material UI, Python Tornado, Docker
Systems	Mac, Linux, Vim, Bash, Atom,
Tools	Atom, Vim, Git/Github, Perforce, SVN, Trello, Slack, Bugzilla, Markdown/Asciidoc, Jira
Languages	French (mother tongue)
	English (fluent, C1)

Interests

Entrepreneurship: Followed multiple classes, attended startup weekends and hackatons, worked on 2 serious startup projects.
Communities:
- Top 10 answerer on d3.js and top 5% overall on StackOverflow: http://stackoverflow.com/users/1041692
- Contributor to various projects, including Redux, on Github: https://github.com/ChrisJamesC

Sports: Climbing, snowboard, hiking, golf.