Pierre Schutz

COMPUTER SCIENCE · SOFTWARE ENGINEER

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Education

Master of Science, Data Science
Lausanne, Switzerland

SWISS FEDERAL INSTITUTE OF TECHNOLOGY LAUSANNE - EPFL
Sep 2019 - Present

- Minor in Management, Technology & Entrepreneurship: Principles of Finance, Microeconomics, Project Management & Risk Analysis.
- Relevant Courses: Machine Learning, Applied Data Analysis, Natural Language Processing, Statistics for Data Science, Convex Optimisation.

Exchange Program, Computer Science
Hong Kong, China

HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY - HKUST
Sep 2018 - Jun 2019

- Research Project: Decentralized file-sharing application using Ethereum blockchain and BitTorrent. Create a prototype using Java for the client and Solidity (Ethereum) as back-end.
- Relevant Courses: Computer and Network Security, Database Management Systems, Signal Processing, Digital Communications, Machine Learning, Stochastic Modeling.

Bachelor of Science, Communication Systems (GPA: 5.11/6)
Lausanne, Switzerland

SWISS FEDERAL INSTITUTE OF TECHNOLOGY LAUSANNE - EPFL
Sep 2016 - Jun 2019

- Selected amongst 4% of first-year students to participate in the exchange program outside of Europe.
- Relevant Courses: Computer Networks, Algorithms, Theory of Computation, Information Science, Object-Oriented Programming, Functional Programming, Computer Architecture, Discrete Math, Analysis, Algebra, Probabilities & Statistics.

Experience

Junior Software Engineer, Part-Time
Lausanne, Switzerland

INPHER, INC
Oct 2019 - Present

- Contribute to software development projects and participate in the full software development life-cycle (Agile).

Technical Consultant, Software Developer
Lausanne, Switzerland

JUNIOR ENTREPRISE EPFL
Mar 2018 - Present

- Part of the technical consulting team: help project managers in case of technical difficulties.
- Design UI, code, debug, improve and test Android applications (Java, Kotlin).
- Define the specifications of mobile or web projects.
- Test and analyze the behavior of mobile applications, and mobile frameworks (Matchmore.io).

Software Engineer Intern
New York, United States

INPHER, INC
Jun 2019 - Aug 2019

- Build a configuration's files manager interface that helps clients to create, read, edit and delete configurations file on their machine (Using Vue.js, Javascript, Node.js, Docker).
- Acquire working knowledge about secret computing and privacy-preserving machine learning.

Projects

Academic

RESEARCH / COURSE PROJECTS

- **DAppSter**: Decentralizing File Sharing Applications using Smart Contracts – Java, Solidity
- **Alpano** : Alps Panorama Drawer – Java
- **Kaggle TMDB Box Office prediction Competition** : HKUST Machine Learning Final Project - Python

Personal

FREELANCE / FUN PROJECTS

- **Android E-Commerce Application**: Ongoing project with Junior Entreprise EPFL - Kotlin, Java, Firebase
- **Personal website**: Minimal personal portfolio website realized in 1 day - Vue.js, Nuxt.js

Skills and Interests

- **Languages**: French (Native), English (Fluent)
- **Soft Skills**: Attention to details, Initiative, Autonomy, Passion, Team player, Clear communication.
- **Interests**: Software Development, Machine Learning, Computer Vision, Distributed systems, Piano, Soccer, Skiing.