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France
**Already have J-1 VISA
Sponsorship**

Patrick Ear

Graduate in January 2018

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Employment

Software Engineer, Co-Founder	Kideep SAS	Jan 2017 – Jun 2017
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Hexplore (www.hexplore.net ~40 concurrent users) is a web-application that help traveler to plan their trips.
React, MeteorJS, MongoDB

- Reduced time to create a new point of interest by 80% by creating a tool that find and fill most of the data in the form automatically and optimise the UI for the user.
- Designed and implemented the selection part of the web-application.
- Reduced the size of the images up to 90% for each dimensions in order to speed up the page loading.
- Set up the continuous integration with Gitlab CI, Docker and AWS to safely deploy to production at least twice per day.

Web developer, Intern	AppTask Limited	Sep 2015 – Jan 2016
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Cucsis (www.cucsis.com) is the new website of a swimming club in Hong Kong.
Laravel, MySQL, jQuery.

- Rewrote admin and teacher views in PHP from Visual Basic, .NET and MSSQL.
- Implemented the generation of the reports and bills in PDF format with mPDF.
- Translated nested MSSQL queries to MySQL.
- Refactored the 10% (~8k lines) most duplicate code in the web-application.

Education

Kremlin Bicetre, France	EPITA Engineering School	Sep 2012 – Jan 2018
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Specialization in Information System and Software Engineering

- Coursework : Cloud Architecture; Software Architecture; Object-Oriented Programming; Putting Agile Software Development Into Practice; Information System Urbanization; Virtualization

Online	Startup School by Y Combinator	Apr 2017 – Jun 2017
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Weekly mentored by Y Combinator alumni

- Coursework: How and Why to Start A Startup; How to Get Ideas and How to Measure; How to Build a Product; How to Get Users and Grow; How to Invent the Future; How to Find Product Market Fit.

Beijing, China	Beijing JiaoTong University	Feb 2014 – Jul 2014
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Undergraduate exchange semester in Software Engineering major

- Coursework: Software Foundations; Computer Architecture; Calculus I & II; Operating System; Java; Databases.

Technical Experience

Projects

- **MyStockNotif** (2017). Android and iOS application that send notification to the user when a chosen stock reaches a threshold. Javascript, React Native
- **Smart Cardio T-shirt** (2017). Android application link to a Raspberry Pi and sensor that enable the detection of heart diseases like tachycardia and bradycardia. Java, Javascript, AWS IoT
- **FnacSimulator** (2016). Simulation of the information system of a french supermarket. 7 applications need to communicate together in real time and I was in charge of the cashier one. Java JEE, PostgreSQL
- **Tipz** (2016). A Patreon-like website made in pair-programming. Python, Javascript, PostgreSQL

Languages and Technologies

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- Javascript; Java; PHP; MongoDB; SQL
 - React; MeteorJS; Docker; AWS(EC2, EBS, S3, ELB); Git; Gitlab CI