

7 Rue Beethoven  
94400 Vitry Sur Seine,  
France  
**Already have J-1 VISA  
Sponsorship**

## Patrick Ear

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### Employment

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<b>Software Engineer, Co-Founder</b>	<b>Kideep SAS</b>	<b>Jan 2017 – Jun 2017</b>
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Hexplora

- 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 to safely deploy to production at least twice per day.

<b>Web developer, Intern</b>	<b>AppTask Limited</b>	<b>Sep 2015 – Jan 2016</b>
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Cucsis

- Rewrote admin and teacher views in PHP from Visual Basic, .NET and MSSQL.
- Implemented the PDF generation of the web-application.
- Translated nested MSSQL queries to MySQL.
- Refactored the 10% most duplicate code in the web-application.

### Education

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

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

<b>Online</b>	<b>Startup School by Y Combinator</b>	<b>Apr 2017 – Jun 2017</b>
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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.

<b>Beijing, China</b>	<b>Beijing JiaoTong University</b>	<b>Feb 2014 – Jul 2014</b>
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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

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#### 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