# Thibault Vieux

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## EMPLOYMENT

**APR-OCT 2017**
6 months

**Heek, Paris** > Full-stack Developer
Website building chatbot powered by AI

Reduced time to render the Heek editor by 80% (5s -> 1s) by using server-side rendering.
Improved the productivity of the marketing team by designing a web framework to fit their needs.
Identified and fixed several critical bugs on the server-side using debugging tools.
Learned to work in a team using agile methods.

**MAY-SEP 2016**
4 months

**Export Japan, Osaka** > Mobile App Developer
Translate signs and printed material into multiple languages

Implemented a BaaS server allowing user's multi-account management compatible with multiple providers.
Builded an hybrid mobile app capable of taking advantages of the smartphone hardware capabilities such as the GPS, the NFC and the vibrations for visually impaired people.
Managed interoperability between databases to extend the capabilities of the QR Translator service.

**APR-JUN 2013**
2 months

**La Française des Jeux, Vitrolles** > Web Developer
System Engineering, Middleware

Design and implementation of a modern intranet site to present the ISM team within the company.
Implemented a blog application with rights management, file upload and a real-time commenting system.
Contributed to open-source side projects during the learning process.

## EDUCATION

2015 - 2017  **M.S.E Computer and Information Science** > EISTI Engineering school
Computer and Information Science, Smart systems. TOEIC: 795

2013 - 2015  **B.S.E Computer Science Engineering** > Paris-Descartes University
Computer Science Engineering, Artificial Intelligence

2011 - 2013  **DUT Computer Science** > IUT Aix-Marseille
Computer Science, Software Engineering

## TECHNICAL EXPERIENCE

### Projects

- **API Libraries Demo** (2017) Set of examples to illustrate android third party libraries.
  Open-source android application which includes and illustrate pre-compiled examples of third-party libraries such as Android Vision.
- **Smart Waste Management prototype** (2017) Improve the waste collection services in cities.
  Arduino board with ultrasonic sensors and wifi module to monitor the filling rate of containers, in real time and remotely, in order to optimize waste services.
- **SMS Push (2017)** (2017) Send and receive SMS from your computer.
  Turn your Android smartphone into a SMS gateway using Firebase Cloud Messaging (FCM) events.

### Certifications

- **Angular Fundamentals & Pro** (2017)
  Successfully completed the online training courses on Ultimate Angular with the instructor Todd Motto.

## LANGUAGES AND TECHNOLOGIES

- **Languages:**  Java, C++, Typescript, HTML, CSS, Javascript, Arduino, SQL.
- **Frameworks:**  Angular, Sass, Express, Hapi, Ionic, Android.
- **Database:**  MongoDB, Firebase, PostgreSQL.
- **Tools:**  Git, Jetbrains IDEs, Visual Studio, Chrome DevTools, Jira, Dapulse.