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# Pauline Ménage

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Software Engineer  
Master's Degree

## Projects

### 3<sup>rd</sup> place in the Atos IT Challenge 2017

Created a ticket selling app based on the Ethereum blockchain

### Tutored students and wrote blog posts

Created tutorials about chatbots and tutored middle and high school students

### Application for an incubator

Created a responsive app to manage meetings and finances (Java EE, MySQL, JSF, Primefaces)

### Followed a Machine Learning MOOC

Stanford University - 2017

### Open-source projects

- Video game (Java, Maven, Processing)
- Chatbot to get city bikes (Golang, Kubernetes)

## Technologies

### System

C, Go, C#, Java, Python, Android

### DevOps

Google Cloud Platform, Amazon Web Services, Docker, Kubernetes

### Web (front-end)

ReactJS, Angular, jQuery, Bootstrap

### Web (back-end)

.NET Core, PHP, Node.js, MySQL, MongoDB

## Languages

**French** - Mother tongue

**English** - Bilingual (5 years in the USA)

**Spanish** - Good working knowledge

## Interests

- Horseback riding Galop 7, contests
- Piano 7 years
- Debate club

## Experience

### Software Engineer (intern then freelance)

Thermo Fisher Scientific - Bordeaux, France // February 2018 - present  
C#, .NET Core, TypeScript, Angular, PostgreSQL, Docker, Kubernetes

- Development of realtime comments and annotations
- Research about collaborative text editing using CRDT and OT

### Software Engineer (intern)

Unacast - Oslo, Norway // June – September 2017

GCP, AWS, Kubernetes, Docker, Golang

- Creation of a pipeline to transfer files from S3 to BigQuery
- Automation of tasks with a Slack chatbot
- Development of microservices from specification to production

### Business and Software Engineer (intern)

Captiz - Bordeaux, France // July – August 2016

- Developed a Node.js software module
- Created video tutorials and marketing material
- Negotiated contracts (11k€) and created marketing material

## Volunteering

### President of a Junior-Enterprise

Bordeaux, France // April 2016 – April 2017

- Managed 23 collaborators
- Established middle- and long-term strategies
- Recruited and trained the next team

## Education

### Master's Degree in Software Engineering

Bordeaux Graduate School of Engineering

ENSEIRB-MATMECA, Bordeaux, France // Graduated in 2018

### Intensive Math and Physics Course

Preparation for the selective entrance into French graduate schools

Lycée Saint-Louis, Paris, France // 2013 – 2015

### International Option Baccalaureate (OIB)

Equivalent to 'A' levels in math, physics, and science

Ecole Jeannine Manuel (international school), Paris, France // 2013