

✉ theodore.d.avray@efrei.net
📅 Date of birth 18/09/1997
🔗 <https://theodore-davray.eu/>
🇫🇷 French
🚗 Driving licence
☎ +336 98 63 62 14

Check my online CV/Portfolio : <https://theodore-davray.eu/>

Education

From 2017
to 2020

Computer engineering school / EFREI Paris Villejuif, France

- General engineering school
- IT and digital technologies
- Specialization in image processing, virtual and augmented reality

From Feb.
2018 to
May 2018

University exchange semester / CPUT Cape Town, South Africa

- Web Programming
- Operating system
- UML
- C++
- Networks management

From 2015
to 2017

Technology degree in IT / IUT Paris Sud Orsay, France

- Mobile application development projects
- Web development projects

2015

Science high school diploma / High school l'Essouriau Les Ulis, France

Programming languages

C# and .NET



C and C++



JAVA



Web

HTML5 and CSS3



Wordpress



PHP



Javascript and JQuery



NodeJS with Express



WebGL



x3d



Work experience

From Apr.
2019 to
Sept. 2019

Lead developer / A-ESA Cape Town, South Africa

- 5 months fixed term contract with "Africa Electronic Sport Association" for a new ESport WebApp.
- Development of the back-end of the website <https://electronicsport.africa>.
- Focus on the algorithms for different tournament systems.

From 2018
to 2019

Year Project in virtual reality / Efrei Paris Villejuif, France

- Develop a virtual reality application for architecture with Unity3D.
- Architects can build constructions in the application.
- Make clients and architects visit a building in virtual reality at the same time.

Jun. 2018

C# Developer / CNRS LIMSI Research Lab Orsay, France

- Modelled molecules and created an explodedview of it (C# and Unity3D)
- This development was then integrated into the unityMol software (developed by the Lab)

2018

Web Developer / SEP EFREI Villejuif, France

- Web developer for the SEP EFREI JuniorEnterprise:
- WordPress website development for the SFBD 2019 congress.

From 2016
to 2017

Apprenticeship / Novelty France Longjumeau, France

Information system assistant position :

- Data Management
- Development of applications (PHP and JavaScript/JQuery)
- Writing of specifications

VR/AR - game dev - image processing

Unity3D



OpenCV



VRPN (and FFAST)



Vuforia



Mobile Development

Flutter



Android using Kotlin



IOS using Swift



Other computer skills

Linux



GIT



SQL and MySQL



NoSQL Database management (MongoDB)



RESTful APIs using JAVA

