

# Florian Le Vern

COMPUTER SCIENCE STUDENT

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French Computer Science Graduate Student completing the final year of a Master's degree in UC Santa Cruz as an exchange student. Fluent in English. **Looking for a challenging 6-month internship in Computer Science from May 2017.** No sponsorship or additional paperwork will be needed.

GPA: 3.9

## Education

### University of California, Santa Cruz

*Santa Cruz, USA*

MASTER'S DEGREE IN COMPUTER SCIENCE AND ENGINEERING

*Sept. 2016 - Present*

- Completing the final academic semester of a Master's degree as an exchange student.

### ENSEIRB-MATMÉCA (Bordeaux Graduate School of Engineering)

*Bordeaux, France*

MASTER'S DEGREE IN COMPUTER SCIENCE AND ENGINEERING

*Sept. 2014 - Present*

- Obtained a B.S. in Computer Science in 2016.
- Member of the three selected students from Bordeaux schools to spend one semester at UC as an exchange student.
- Working towards a Diploma of Engineering, at a level equivalent to five years of higher education, expected in 2017.

## Work Experience

### Internship in Mr. Saito Hideo Research Laboratory in Keio University

*Tokyo, Japan*

PHD STUDENT ASSISTANT IN COMPUTER VISION

*Jun. 2016 - Sept. 2016*

- Developed a C++ software estimating the pose of non-overlapping cameras filming the same scene thanks to an omni-directional camera and the epipolar geometry theory.

### Internship in the IT section of AS24 (subsidiary of TOTAL)

*Saint-Herblain, France*

SOFTWARE ENGINEER & DATABASE ENGINEER

*Jul. 2015 - Aug. 2015*

- Created a C# application with Visual Studio in order to manage file collections via FTP and SFTP.
- Implemented a PL/SQL package in Oracle designed to process the collected files.

## Notable Academic Projects

In teams of 3 to 7 students, designed and developed:

- an **online platform** allowing CS students to do exercises in C. Experienced the **SCRUM method** during 6 months.
- a **file system** allowing to organize files by tags using Fuse in C.
- a centralized **Peer-to-Peer** system in C++.
- a C-like language **compiler** in Python using Lex/Yacc.
- a **database** and its **GUI**, in SQL and Python/HTML/CSS.
- 6 solvers for **numerical analysis** problems (e.g. stationary heat equation) in Python (NumPy).
- some video games **Als** written in C or Python.
- a literal expression derivator in Scheme.

See more details on my online portfolio: <http://flevern.me/education>

## Interests

BAFA (French diploma for youth leaders) obtained in 2013.

**Music:** 7 years of flute and 2 years of drums.

**Travel:** Germany, Great Britain, Japan, USA, Egypt ...

**Arts:** 3 years in high school and in an art center.