



SAVINIEN BARBOTAUD

Software engineer

INFORMATION

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9 July 2002

Driving license, boat license

LANGUAGES

English : Internship in Poland B2
TOEIC 880 in 2024

CENTERS OF INTEREST

Sailing : national competitions in
Optimist
Loguivy-Canot-Club - 8 years

Endurance sports : IRONMAN
(triathlon), *rigor and discipline.*



Know me better

TRAINING

Computer engineering graduation, **Co-op program**
École Nationale Supérieure des Sciences Appliquées et de Technologie
(Lannion) **2022 / 2025**

PROJECTS

ThreeJS **2025**

- Design of 3D scenes with lighting, cameras and user interactions.
- UX/UI experience, code optimisation.

Result: [See on my website \(click here\)](#)

Acquired: creativity, 3D techniques, learning, UX/UI

WebRTC **MVP ended, in development**

- Native video-conferencing website, only in JavaScript
- Real time communication
- WebRTC data exchanges between browsers

Result: [See on my website \(click here\)](#)

Acquired : Real time, work independently, technical skills

PROFESSIONAL EXPERIENCES

Instructor / Assistant sailing instructor during the summer period
at the **pôle nautique Paimpol-Loguivy de la mer** **2017/2021**

- Supervision of young people on Optimist boats
- Participation in club life by organizing competitions and maintaining equipment

Acquired : Responsibility, transmission of skills, teamwork

Co-op programm at DIRISI of Brest (French army) **2021/2022**

- Web application that ensure all internet connection in a ship are secured.
- User interface in Python with Django's framework, Proxy in Python also.

Acquired : Autonomy, integration in a computer science team

Internship in Polytechnique Poland (POZNAN) **2025**

- Odometry, LIDAR, ICP, object recognition with AI
- Speaker in English in research / student seminars

Acquired : English, organisation, code review and autonomy

Engineer co-op program at Apizee **2022/2025**

- WebRTC - real-time application using TypeScript and React.
- **Cybersecurity** : Interfacing experimental encryption with Secure-IC and Polytech-Paris
- **AI** : Creation of a self-service chat-bot to help business customers.

- **Other** : Open-source contribution (Pipecat, Openreplay...).

Acquired : Open source, TypeScript, React, Jest, Git, Agile/Scrum, Docker & Linux – focus on clean, maintainable code