

# URBAN PLANNING ENGINEERING STUDENT

## CONTACT

### BIOLET Léonie

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## EDUCATION

- 2024 • **Engineering school specializing in Urban Engineering - 1st year**  
*The University of Technology of Compiègne*
- 2021 • **School-integrated preparatory class**  
*The University of Technology of Compiègne*
- 2021 • **Scientific Baccalauréat with highest honors**  
*Lycée Alain Colas, Nevers*

## SKILLS

### Team management

### Sustainable development

- Sustainable engineering label

### Minor in Cognitive Science

### Programming

- Python
- SQL

### Software

- AutoCAD 2D, 3D
- REVIT, Dynamo
- ArcGIS Pro, QGIS
- Pléiades
- Sima Pro
- ELODIE

## LANGUAGES

- **French** : Native speaker
- **English** : Fluent (C1)
- **Spanish**: Beginner

## ACTIVITIES

### Visual Arts

- Vice-president and communications manager of the UTC Art Association

### Dance

- 5 years in club

## PROFILE

As a student in urban engineering, I am currently looking for an internship as an assistant engineer to strengthen my professional experience in urban planning. Sensitive to environmental issues, I am following a sustainable engineering path and developing a portfolio on this theme.

## WORK EXPERIENCES

### 2022 • EUROSIT NEVERS

#### **Introductory industrial internship - 1 month**

Participation in the various **production tasks** involved in designing French seating solutions (sewing workshop, upholstery, storage, logistics, etc.).

### 2024 • PROJECT WORKSHOP

#### **Creation of a GIS method-tool to support decision-making for submarine cable laying**

Working in teams of 15 students, we researched the **decisive criteria** for laying submarine cables, and set up a **dynamic mapping tool** (using ArcGIS Pro) to establish the most favorable conditions for laying them.

## PROJECTS

### 2023 • GIS

#### **Urban heat island modeling**

Assessment of the **causes of heat island formation**, urban diagnosis of a high-risk area.

### 2023 • URBAN DIAGNOSIS

#### **Urban diagnosis of a street**

Analysis of the **urban context**, field observations, **data processing**, recommendations and **development scenarios**.

### 2023 • THERMAL MODELING

#### **Thermal renovation of existing buildings**

**Thermal diagnosis** of an existing building, **thermal assessment** of a replacement building.

### 2024 • BIM MODEL

#### **Creation of a 2D and 3D building model, electrical simulation, and a neighborhood model using CAD**

Use of **AutoCAD**, **REVIT** and **Dynamo**.