

VOISS-Net Installation and Setup Guide

1. Prerequisites

VOISS-Net requires:

- Ubuntu or Windows Subsystem for Linux (WSL)
- Internet connection
- Git
- Miniconda (recommended lightweight Conda installer)

2. Install Miniconda

Download the latest Miniconda installer for Linux:

```
wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86_64.sh
```

Run the installer:

```
bash Miniconda3-latest-Linux-x86_64.sh
```

Follow the prompts:

- Press Enter to accept the license
- Confirm installation path
- Type yes to initialize Conda

Activate Conda:

```
source ~/.bashrc
```

```
conda --version
```

3. Clone the VOISS-Net Repository

```
git clone --depth 1 https://github.com/darren-tpk/voiss-net.git
```

4. Create the Conda Environment

VOISS-Net provides an environment.yml file listing all required dependencies.

```
cd voiss-net
```

```
conda env create -f environment.yml
```

This step downloads and installs packages such as TensorFlow, SciPy, and OpenCV. It may take 10–20 minutes.

When complete, you will see:

To activate this environment, use:

```
conda activate voiss-net
```

5. Activate the Environment

```
conda activate voiss-net
```

Your terminal prompt should now show:

```
(voiss-net) user@machine:~/voiss-net$
```