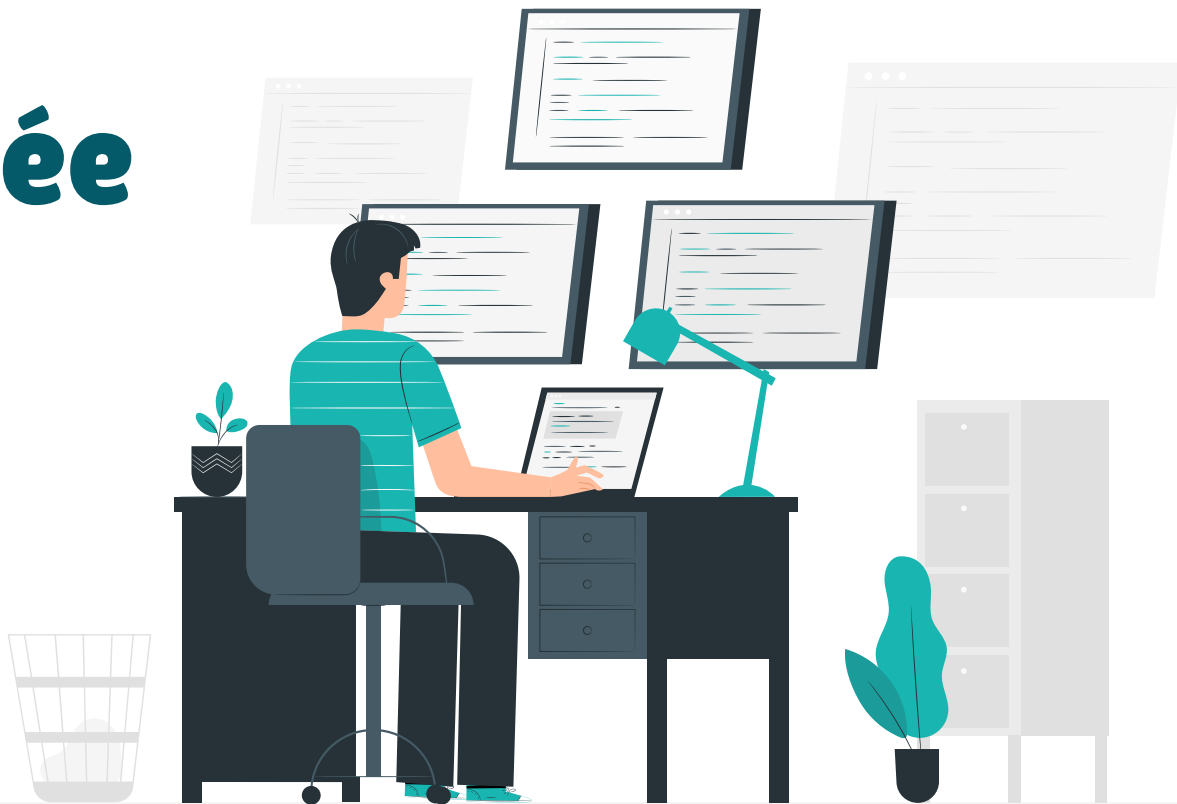


Diane Delallée

Ingénieure en développement

Coding club des filles
7 Décembre 2019



Sommaire

01



Qui suis-je?
Mon parcours

02

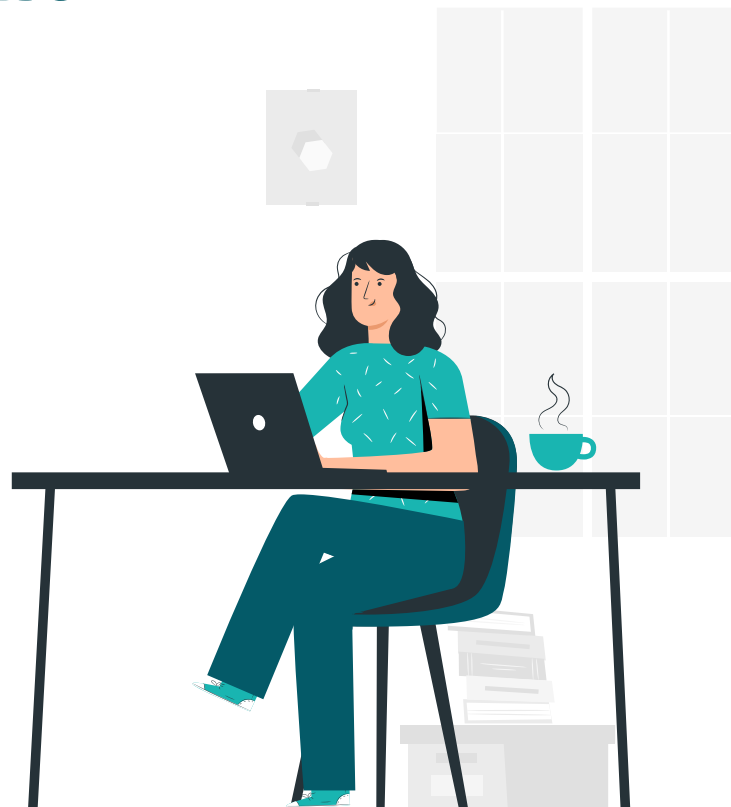


Que fais-je?
Mon métier

03



Projets personnels
Et expérimentation





I. Qui suis-je?



Diane

29 ans, Française
Vit en suisse depuis 5 ans



Développeuse

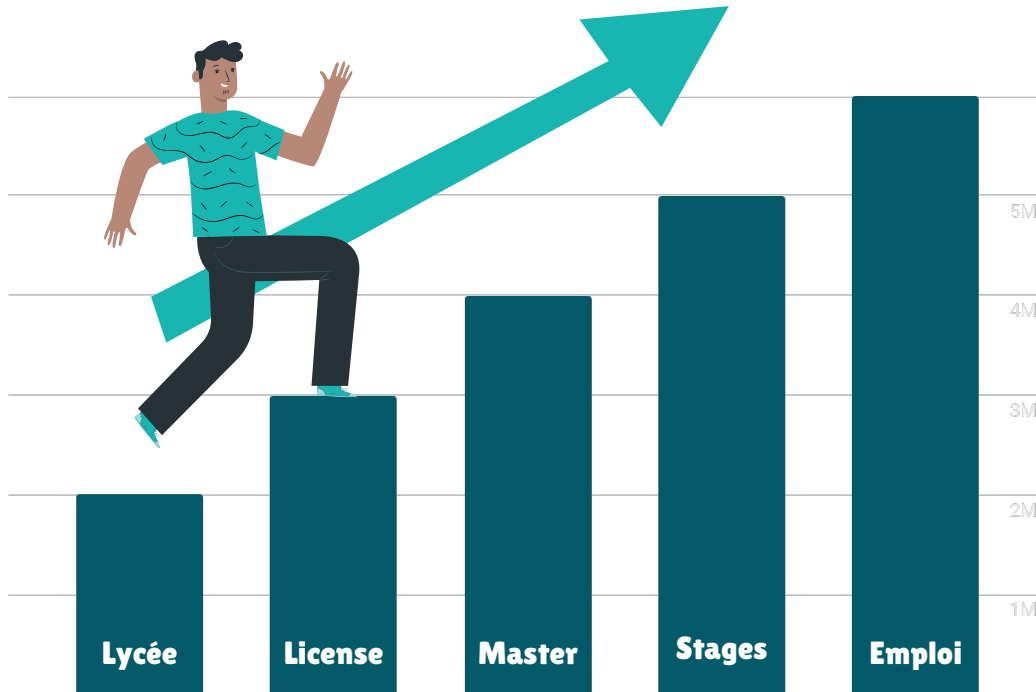
Depuis que j'ai 18 ans



Bénévole

J'aide gratuitement au
Romandie

I. Mon parcours



License S.T.I.C.

- Algorithmique
- Réseaux
- Développement Web

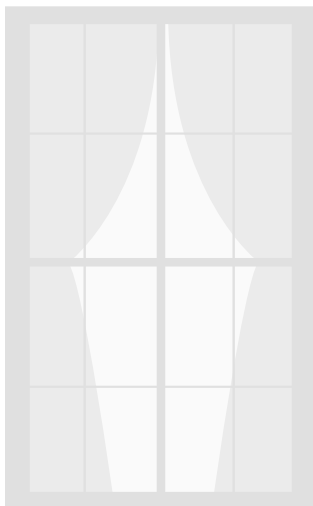
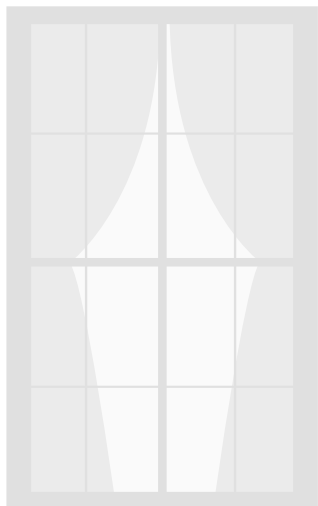
Master S.I.S

- Géométrie discrète
- Réalité virtuelle
- Traitement de l'image
- Synthèse d'image

II. Mes métiers

- Développement de site web
- Recherche théorique en algorithmique
- Application de texture dans logiciel de ville en 3D
- Projet de Recherche dans une compagnie d'Emailing





Modélisation de lieux en 3D grâce aux drones

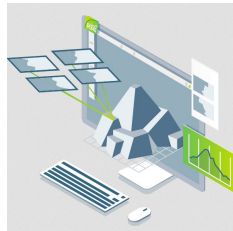
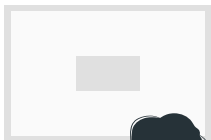
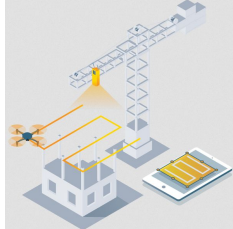
Equipe "Cloud" (nuage) : front, back, marketing, vente ...

Services disponibles et outils pour mes collègues

Maintenant



III. Dans mon travail



```
class PartnerCreatePBSLicenseView(views.APIView):
    authentication_classes = (CustomOAuth2Authentication,)
    permission_classes = (IsStorePremiumPartner, CanCreatePBSLicense)
    serializer_class = PartnerPBSCreateLicenseSerializer

    def post(self, request, format=None): # pylint:disable=W0622, W0613
        """Sensibly needs to create some licenses without making a purchase or an order..."""
        serializer = self.serializer_class(data=request.data)
        serializer.is_valid(raise_exception=True)

        try:
            product_key = serializer.validated_data['product_key']
            lic_template_code = constants.LICENSE_TEMPLATE_MAPPING_FOR_PBS[product_key]
            contract_type = ('Anafi' if
                             license_constants.LICENSE_MAPPER_MESH_YEAR == lic_template_code else
                             'Bluegrass')
            lic = create_license(
                lic_template_code,
                reference_user=request.user.pixuser,
                created_by=request.user.pixuser,
                comment=(
                    'The license does not have an invoice. Part of the {contract_type} agreement. '
                    'Parrot is invoiced in bulk for the bundles sold.'.format(
                        contract_type=contract_type
                    )
                ),
                paid=False
            )
            license_details = {
                'license_keys': lic.license_key,
                'invoice_url': "You will be invoiced at the end of the month",
                'ccy': "CHF",
            }
        except partner_purchase_helper.PartnerPurchaseError as e:
            return Response({"details": str(e)}, status=status.HTTP_400_BAD_REQUEST)

        return Response(license_details, status=status.HTTP_200_OK)
```



```
@ratelimit(key='ip', rate='10/m')
@utils.token_required
@csrf_exempt
def start_trial(request):
    """
    Create a trial license for the given user if possible. It returns the serialized license object
    """
    params = params_parser.parse(request)

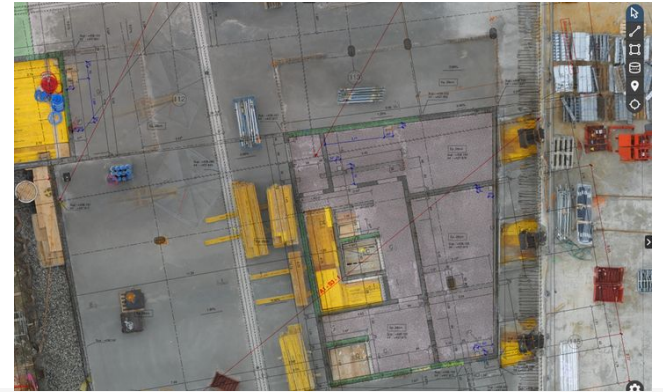
    try:
        if not request.user.is_authenticated:
            user = utils.authenticate_user(request, params.username, params.password)
        else:
            user = request.user
    except utils.ErrorMessage as e:
        return utils.encoded_json_response({
            'detail': "Invalid user credentials: " + str(e)
        }, params.token, status=401)

    logger.info("Authentication Successful")

    lic = create_user_trial_license(pixuser=user.pixuser)
    if not lic:
        # We should end up in this case because the condition is checked first in the software to
        # show or hide the trial option
        logger.info("%s user is not eligible to get an auto trial", params.username)
        return utils.encoded_json_response({'detail': 'Sorry we could not start the trial mode.'
            'Please click on the following link to request a new '
            'trial license. %s/mapper/trial/' % settings.SITE_ROOT
        }, params.token, status=403)

    # Track the page view
    mp_track_event(user, "Trial request",
        params={'trial_path': request.GET.get("trial_path", "automatic software")},
        lic=lic,
        request=request)

    return utils.encoded_json_response({
        'valid': True,
        'licenses': utils.serialize_licenses([lic], params.build),
    }, params.token)
```



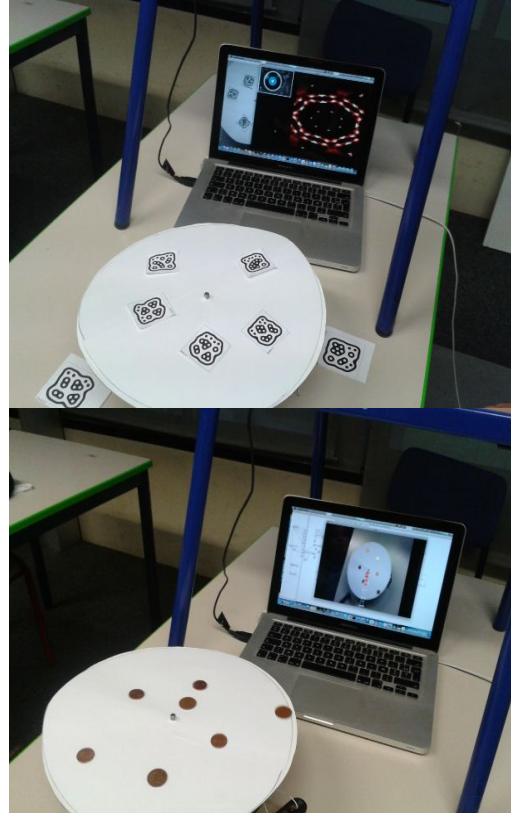
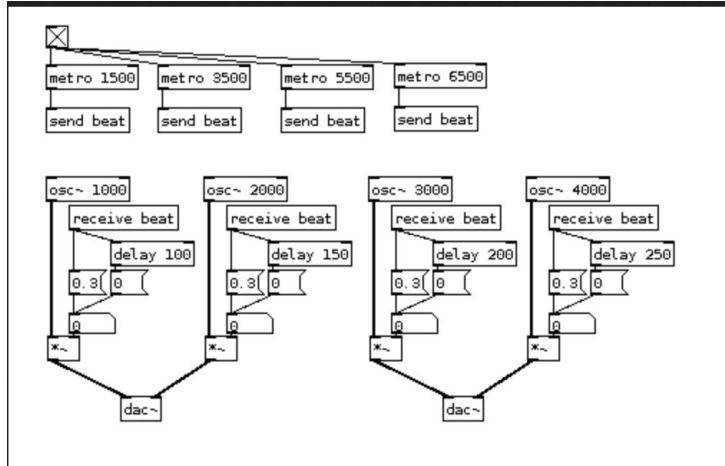
III. Quelques Projets Personnels

Projet de Platine Vinyle

Produire des sons

Modifier l'image

Réussir à calibrer les images



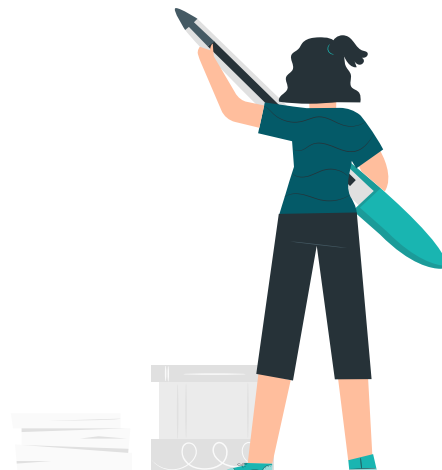
III. Quelques Projets Personnels

Projet de modélisation urbaine

Modéliser des bâtiments

Définir un capteur

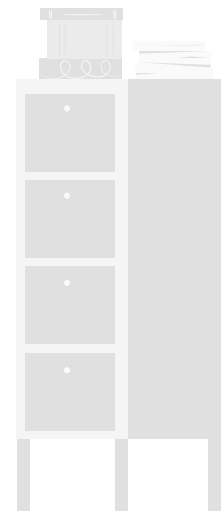
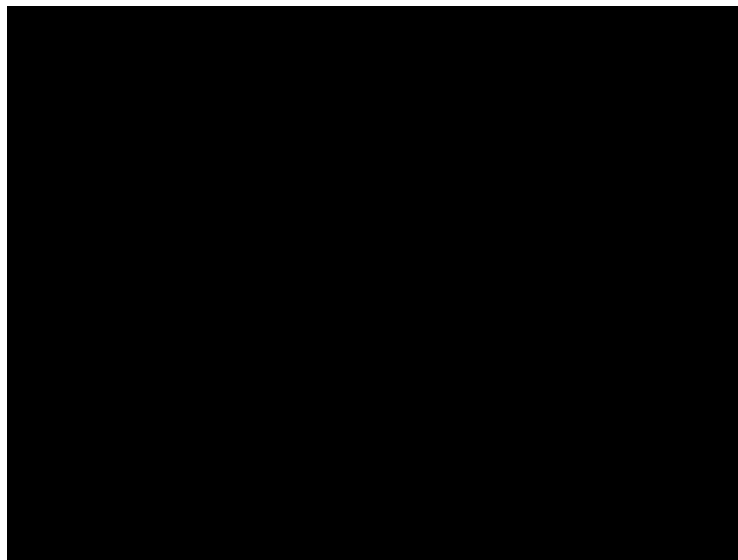
Faire tourner le bâtiment sur lui même



III. Quelques Projets Personnels

Modélisation d'un drapeau

Simulation de collision d'objets



Merci pour votre attention

Et maintenant place à vos questions.

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