**Create the github account with your vt email**

1. **For Windows, download Git** [https://git-scm.com/downloads](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgit-scm.com%2Fdownloads&data=05%7C02%7Cyuetongz%40vt.edu%7C3f7b09ec6df845e2325808dd9f9ab7ff%7C6095688410ad40fa863d4f32c1e3a37a%7C0%7C0%7C638842209041077124%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=ePAUSN9MzzsfmwNnREgwAdmxwSALJItxEOFnHgugW%2Fg%3D&reserved=0)
2. **Open Terminal for Mac and Git for windows**
3. **Generate ssh key**

ssh-keygen -t ed25519 -C “your email for git account“

1. **For Mac, ssh key to the agent**

ssh-add ~/.ssh/id\_ed25519

**use this code to copy the ssh key**

pbcopy < ~/.ssh/id\_ed25519.pub

**For Windows, go to the .ssh folder and copy from the note**

1. **Paste the ssh key on your GitHub**
2. **Test ssh connection**

ssh -T [git@github.com](mailto:git@github.com)

**Issues that you may meet**:

1. If you see error message similar to below after you push the request and need to fill your github username and password

remote: Support for password authentication was removed on August 13, 2021.

fatal: Authentication failed for '<https://github.com/victoria307/Childcare_dspg.git/'\>

You need to generate a Personal Access Token (PAT)

**Generate a PAT** from GitHub:

1. Go to: <https://github.com/settings/tokens>
2. Click **"Generate new token (classic)"**
3. Give it a name and set expiration (e.g., 90 days)
   1. Under **"Select scopes"**, check: repo (full control of private repositories)
4. Go to the bottom of the page and generate the token, then copy that

**Link the PAT with your RStudio:**

Copy and paste this code to your console:

install.packages("credentials")

credentials::set\_github\_pat()

After this, you will have a pop up window which require you to fill out your PAT. Paste the PAT you just copied

Then start a new version control project locally in your conputer and push the request again