

프로그램 설치

- 실행, 설명은 쉬는 시간 이후

GitHub

- GitHub 계정 생성 <https://github.com>
 - 학교 이메일 사용, 나중에 다른 이메일 추가 연동 가능
- GitHub Desktop 설치 <https://desktop.github.com/download/>
- [GitHub Education 신청](#)
 - GitHub 로그인 > 오른쪽 위 Settings > Billing and Licensing > Educational benefits
 - 크롬) 위치 사용 허가 (에러시 시크릿 모드)
 - 학교 이름: Korea National University of Transportation
- 교육 계정 신청: 승인은 10분 이내, 반영까지 3일

GitHub Education

Settings

Search: Type / to search

Jinhwan Kim (jhk0530)
Your personal account [Switch settings context](#)

GitHub Education

Education Benefits
Complete a teacher or student application to unlock tools and resources for your educational journey

Access

- Billing and licensing**
 - Overview
 - Usage
 - Budgets and alerts
 - Licensing
 - Payment information
 - Payment history
 - Additional billing details
 - Education benefits**
- Emails
- Password and authentication
- Sessions

Actions:

- Set status
- Your profile
- Your repositories
- Your Copilot
- Your projects
- Your stars
- Your gists
- Your organizations
- Your enterprises
- Your sponsors
- Try Enterprise **Free**
- Feature preview
- Settings
- GitHub MCP Server **Preview**
- GitHub Website
- GitHub Docs
- GitHub Support
- GitHub Community
- Sign out

GitHub Education



Education Benefits Application



Select your role in education: *

☐ Teacher

☒ Student



You have verified the email address **kjh0530@unist.ac.kr** on your GitHub account. That academic domain is associated with the school **Ulsan National Institute of Science and Technology**.

Select this school

What is the name of your school? *

Q Korea National University of Transportation



If your school is not listed, then enter the full school name and continue. You will be asked to provide further information about your school on the next page. A minimum of two characters is required to find your school.

What is your school email address? *

jhk0530@ut.ac.kr



Have a different email address you use with your school? [Add it here.](#)

[Privacy Policy](#)

Share Location

Continue



Education Benefits Application



Your application has been submitted.

GitHub Education

- GitHub Copilot (\$10) / GitHub Pro (\$4) / GHF Certification (\$49)
- Notion (~~₩~~14000)
- JetBrains (IntelliJ, PyCharm...)
- Codedex / Educative (프로그래밍 언어 학습)
- Datacamp (3개월) 등등 [링크](#)

R & RStudio

DOWNLOAD

RStudio Desktop

Used by millions of people weekly, the RStudio integrated development environment (IDE) is a set of tools built to help you be more productive with R and Python.

Don't want to download or install anything? Get started with RStudio on [Posit Cloud for free](#). If you're a professional data scientist looking to download RStudio and also need common enterprise features, don't hesitate to [book a call with us](#).

Want to learn about core or advanced workflows in RStudio? Explore the [RStudio User Guide](#) or the [Getting Started](#) section.

1: Install R

RStudio requires R 3.6.0+. Choose a version of R that matches your computer's operating system.

R is not a Posit product. By clicking on the link below to download and install R, you are leaving the Posit website. Posit disclaims any obligations and all liability with respect to R and the R website.

DOWNLOAD AND INSTALL R

2: Install RStudio

DOWNLOAD RSTUDIO DESKTOP FOR MACOS 13+

This version of RStudio is only supported on macOS 13 and higher. For earlier macOS environments, please [download a previous version](#).

Size: 607.30 MB | [SHA-256: 76E1538B](#) | Version: 2025.05.1+513 | Released: 2025-06-05

- R
 - 구글에 R > 첫번째 링크 > CRAN > Korea > R for Windows / macOS
 - 최근 버전 4.5.1
- RStudio
 - 구글에 Rstudio > ...
- 설치가 정말 정말 쉽다. = Posit Cloud 빅데이터분석 01



Visual Studio Code

The image shows the Visual Studio Code website header with navigation links: Visual Studio Code, Docs, Updates, Blog, API, Extensions, MCP, FAQ, Dev Days. It also includes a search bar for 'Search Docs', a 'Download' button, and a 'P' icon. Below the header is a large background of binary code (0s and 1s). Overlaid on this is the text 'The open source AI code editor' in a large, bold, black font. Below the text is a dark button with the Apple logo and 'Download for macOS'. Underneath the button, it says 'Web, Insiders edition, or other platforms' and 'By using VS Code, you agree to its [license](#) and [privacy statement](#).' At the bottom of the image is a screenshot of the Visual Studio Code IDE interface. The Explorer sidebar on the left shows a project named 'HIKING-JOURNAL' with a 'docs' folder containing 'functionality.md'. The main editor area shows the content of 'functionality.md' with three lines of code: '# Functionality for Hiking Journal', '## Basic functionality', and a blank line. The Chat sidebar on the right shows a chat window with the user 'Kenzi.lawson' and the message 'What are my open issues?'.

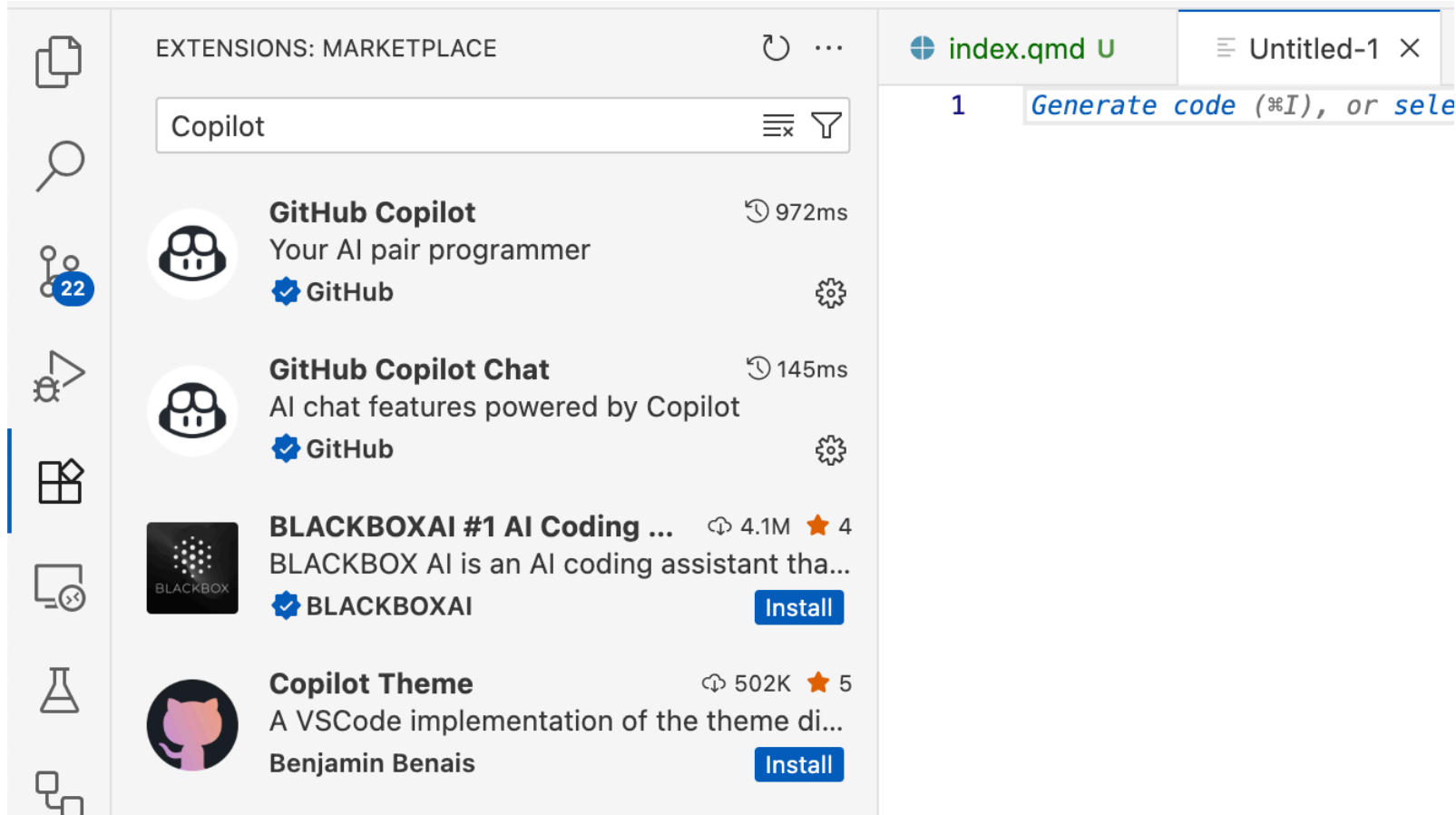
- VS Code

Visual Studio Code

- 구글에 `vscode` > ...
 1. GitHub Copilot (쉽게) 사용
 2. RStudio > Positron (25.8.14, VS Code 기반)



GitHub Copilot (VS code)



- VS Code Extension
 - GitHub Copilot
 - GitHub Copilot Chat

정리

- ☐ GitHub & GitHub Desktop
- ☐ R ($\geq 4.5.0$)
- ☐ RStudio
- ☐ VS Code
- ☐ GitHub Copilot Extension