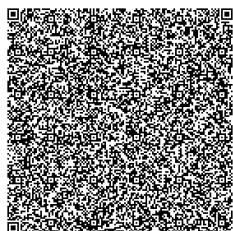## भारत सरकार
Government of India

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

नामांकन क्रम/ Enrolment No.: 0647/02036/71689

To
आयुष राजेंद्र ढाले
Ayush Rajendra Dhale
S/O Rajendra Ramraoji Dhale, House No. 12,,
Chedani Nagar, Sai nagar Road,,
Bherde Layout,
Amravati,
VTC: Amravati,
PO: Amravati,
Sub District: Amravati,
District: Amravati,
State: Maharashtra,
PIN Code: 444601,
Mobile: 9881002457

Signature Not Verified
Digitally signed by DS Unique
Identification Authority of India
05
Date: 2024.06.20 11:51:24
GMT+05:30

आपका **आधार** क्रमांक / Your **Aadhaar** No. :
7443 7801 1966
VID : 9126 9979 0402 2035

मेरा आधार, मेरी पहचान

भारत सरकार
Government of India

Aadhaar no. issued: 06/09/2015

आयुष राजेंद्र ढाले
Ayush Rajendra Dhale
जन्म तिथि/DOB: 26/06/2008
पुरुष/ MALE

आधार पहचान का प्रमाण है, नागरिकता या जन्मतिथि का नहीं ।
इसका उपयोग सत्यापन (ऑनलाइन प्रमाणीकरण, या क्यूआर कोड/
ऑफलाइन एक्सएमएल की स्कैनिंग) के साथ किया जाना चाहिए ।
Aadhaar is proof of identity, not of citizenship
or date of birth. It should be used with verification (online authentication, or scanning of QR code / offline XML).

7443 7801 1966
मेरा आधार, मेरी पहचान

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

Details as on: 20/06/2024

पता:
एस/ओ राजेंद्र रामराव्जी ढाले, हाउस न. 12,, चेदानी नगर,
साई नगर रोड,, भेरडे लेआउट, अमरावती, अमरावती,
अमरावती, अमरावती,
महाराष्ट्र - 444601

Address:
S/O Rajendra Ramraoji Dhale, House No.
12,, Chedani Nagar, Sai nagar Road,, Bherde
Layout, Amravati, Amravati, PO: Amravati,
DIST: Amravati,
Maharashtra - 444601
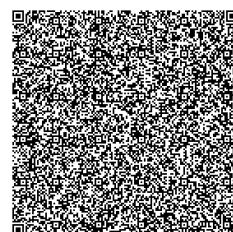
7443 7801 1966
VID : 9126 9979 0402 2035

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GitHub
GIT CHEAT SHEET

Git is the free and open source distributed version control system that's responsible for everything GitHub related that happens locally on your computer. This cheat sheet features the most important and commonly used Git commands for easy reference.

INSTALLATION & GUIS

With platform specific installers for Git, GitHub also provides the ease of staying up-to-date with the latest releases of the command line tool while providing a graphical user interface for day-to-day interaction, review, and repository synchronization.

GitHub for Windows
https://windows.github.com

GitHub for Mac
https://mac.github.com

For Linux and Solaris platforms, the latest release is available on the official Git web site.

Git for All Platforms
http://git-scm.com

SETUP

Configuring user information used across all local repositories

`git config --global user.name "[firstname lastname]"`

set a name that is identifiable for credit when review version history

`git config --global user.email "[valid-email]"`

set an email address that will be associated with each history marker

`git config --global color.ui auto`

set automatic command line coloring for Git for easy reviewing

SETUP & INIT

Configuring user information, initializing and cloning repositories

`git init`

initialize an existing directory as a Git repository

`git clone [url]`

retrieve an entire repository from a hosted location via URL

STAGE & SNAPSHOT

Working with snapshots and the Git staging area

`git status`

show modified files in working directory, staged for your next commit

`git add [file]`

add a file as it looks now to your next commit (stage)

`git reset [file]`

unstage a file while retaining the changes in working directory

`git diff`

diff of what is changed but not staged

`git diff --staged`

diff of what is staged but not yet committed

`git commit -m "[descriptive message]"`

commit your staged content as a new commit snapshot

BRANCH & MERGE

Isolating work in branches, changing context, and integrating changes

`git branch`

list your branches. a * will appear next to the currently active branch

`git branch [branch-name]`

create a new branch at the current commit

`git checkout`

switch to another branch and check it out into your working directory

`git merge [branch]`

merge the specified branch's history into the current one

`git log`

show all commits in the current branch's history

INSPECT & COMPARE

Examining logs, diffs and object information

```
git log
```

show the commit history for the currently active branch

```
git log branchB..branchA
```

show the commits on branchA that are not on branchB

```
git log --follow [file]
```

show the commits that changed file, even across renames

```
git diff branchB...branchA
```

show the diff of what is in branchA that is not in branchB

```
git show [SHA]
```

show any object in Git in human-readable format

TRACKING PATH CHANGES

Versioning file removes and path changes

```
git rm [file]
```

delete the file from project and stage the removal for commit

```
git mv [existing-path] [new-path]
```

change an existing file path and stage the move

```
git log --stat -M
```

show all commit logs with indication of any paths that moved

IGNORING PATTERNS

Preventing unintentional staging or commiting of files

```
logs/
*.notes
pattern*/
```

Save a file with desired patterns as .gitignore with either direct string matches or wildcard globs.

```
git config --global core.excludesfile [file]
```

system wide ignore pattern for all local repositories

SHARE & UPDATE

Retrieving updates from another repository and updating local repos

```
git remote add [alias] [url]
```

add a git URL as an alias

```
git fetch [alias]
```

fetch down all the branches from that Git remote

```
git merge [alias]/[branch]
```

merge a remote branch into your current branch to bring it up to date

```
git push [alias] [branch]
```

Transmit local branch commits to the remote repository branch

```
git pull
```

fetch and merge any commits from the tracking remote branch

REWRITE HISTORY

Rewriting branches, updating commits and clearing history

```
git rebase [branch]
```

apply any commits of current branch ahead of specified one

```
git reset --hard [commit]
```

clear staging area, rewrite working tree from specified commit

TEMPORARY COMMITS

Temporarily store modified, tracked files in order to change branches

```
git stash
```

Save modified and staged changes

```
git stash list
```

list stack-order of stashed file changes

```
git stash pop
```

write working from top of stash stack

```
git stash drop
```

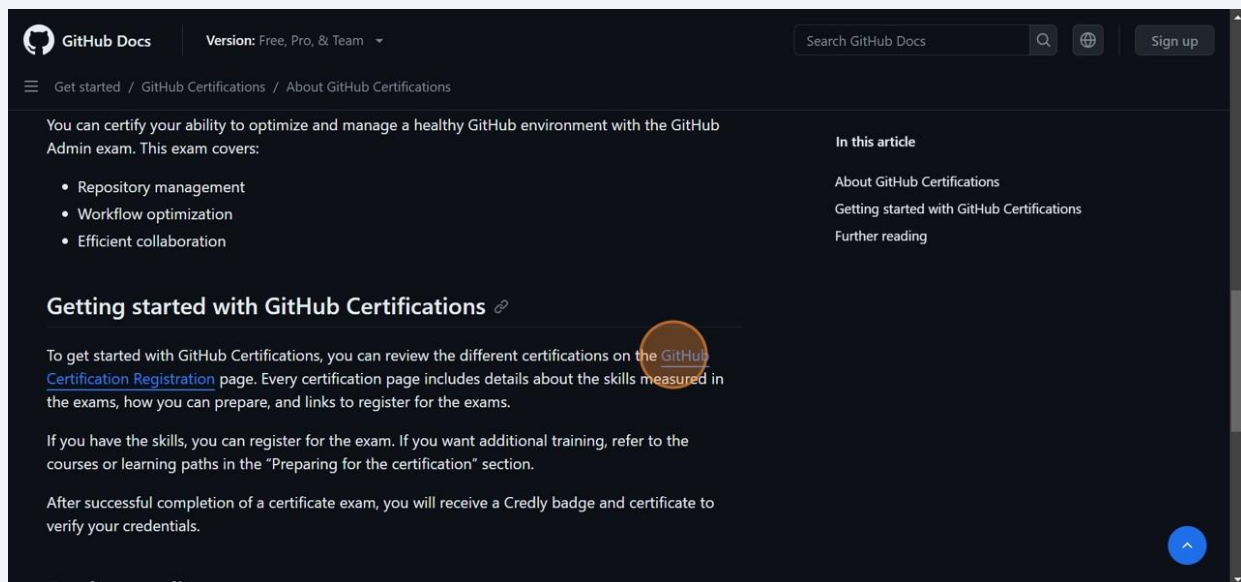discard the changes from top of stash stack

GitHub Education

How to Schedule a GitHub Certification Exam?

1 Navigate to https://docs.github.com/en/get-started/showcase-your-expertise-with-github-certifications/about-github-certifications

2 Click "GitHub Certification Registration"

3   Click "Login with GitHub"

GitHub Certifications

GitHub Certification Registration

In order to gain access to certifications please log in with your personal GitHub account to continue, if you are a partner with GitHub please follow the directions below.

Login with GitHub

Note: Enterprise Managed User accounts are not allowed to access GitHub Certifications.

First time partner verification instructions

To access any partner benefits you need to first associate your partner company email address with your GitHub account. For example, if you work for Microsoft, please add your @microsoft.com email address to your GitHub account.

4   Click on GitHub Exam which you want to schedule

Appointments

You do not have any exams scheduled at this time.

Certifications

GitHub Actions
This certification validates your expertise with GitHub Actions.

GitHub Administration
This certification validates your expertise administering GitHub Enterprise.

Yatharth Chauhan

5   Click "Schedule/take exam >"

- Manage access and permissions based on membership
- Enable secure software development and ensure compliance
- Manage GitHub Actions
- Manage GitHub Packages

Schedule exam

The GitHub Certification program partners with PSI to deliver certification exams in local test centers or online.

EXAM

Administering GitHub Enterprise

Exam Cost: 99 USD

Candidates for this exam should have experience administering GitHub Enterprise, understand how GitHub is deployed, distributed, and licensed and how to provide support for GitHub Enterprise users. This exam measures your ability to accomplish the following technical tasks: manage user identities and GitHub authentication; manage access and permissions based on membership; enable secure software development and ensure compliance; and manage GitHub Actions and GitHub Packages.

Schedule/take exam >

6   Click "Schedule exam"

Technical Degree   Charotar Univers

Special Accommodations

Please let us know if you need any special accommodations (screen readers, extra time, etc...) while taking the exam.

Do you require any special accommodations?
◉ No ○ Yes

☑ I have read and agree to the Terms Of Use and our Privacy Policy. *

Schedule exam

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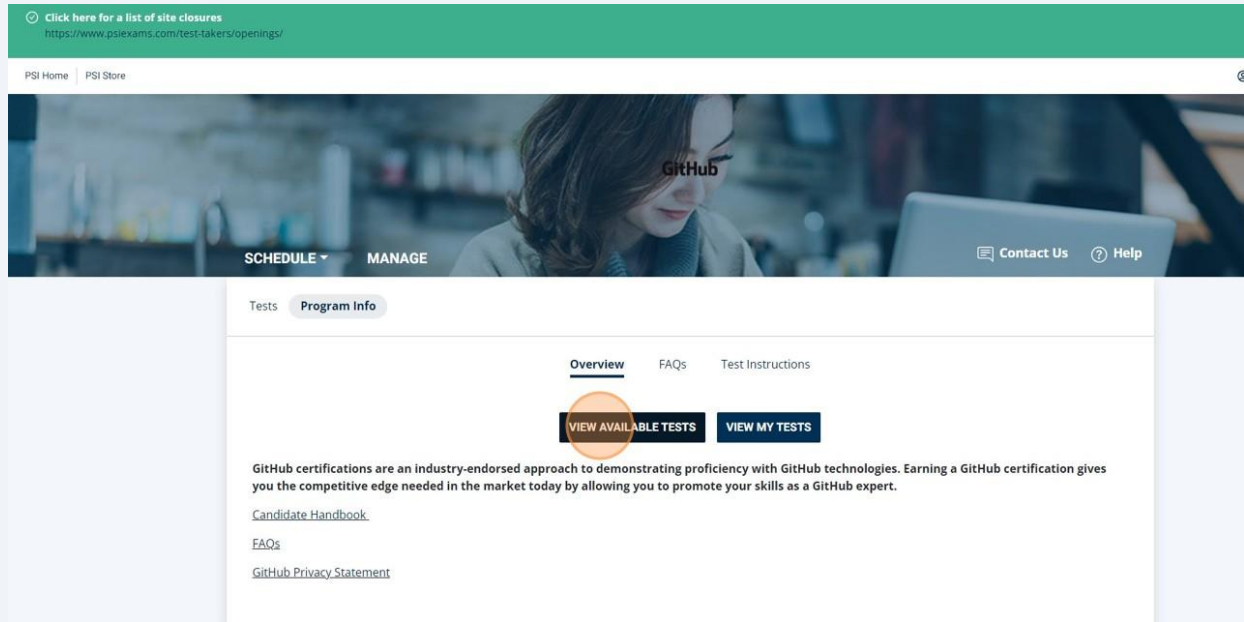
GitHub.com   Handbook   FAQ   Privacy Policy

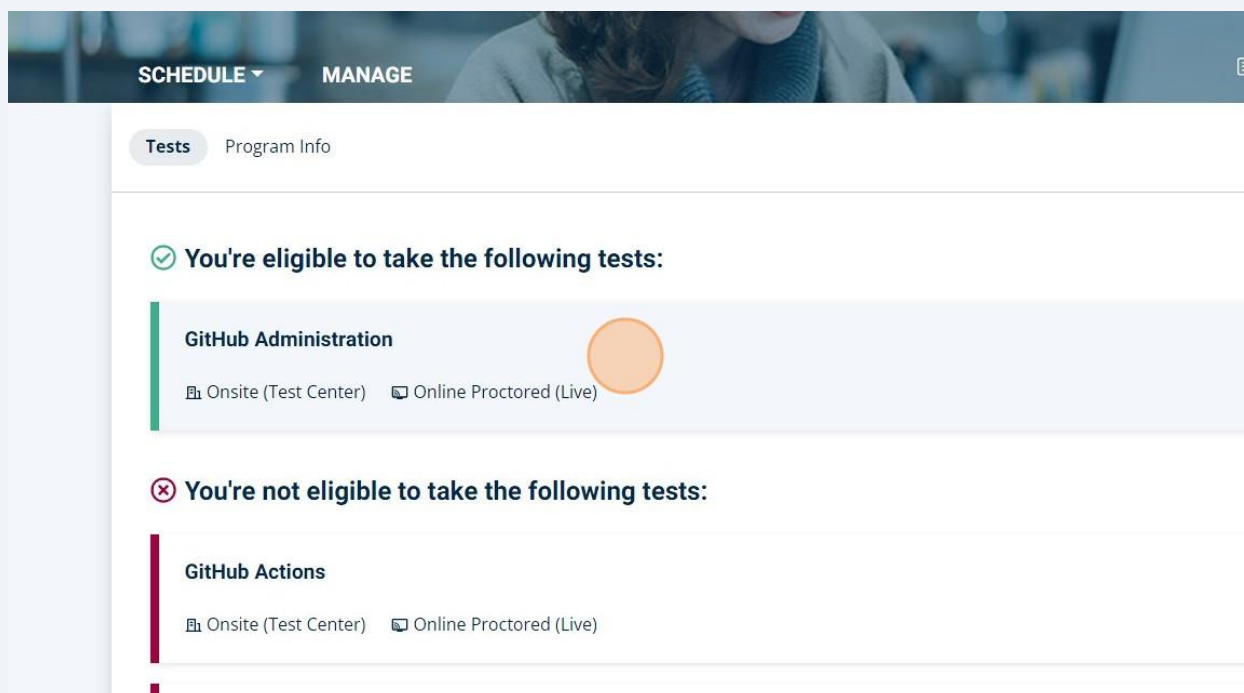**Yatharth Chauhan**

7 Click "VIEW AVAILABLE TESTS"

8 Click here.

Yatharth Chauhan

9 Click "CONTINUE BOOKING"

10 Click "CONTINUE BOOKING"

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11 Click "CONTINUE BOOKING"

12 Click "FIND"

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13 Select your exam time slot

14 Click "BOOK THIS TIME SLOT"

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15 Click this text field.

16 Enter Coupon code Here & Click "APPLY" to schedule your GitHub exam.

Yatharth Chauhan

A Sample Poster Landscape Layout - Title

Name of Researcher(s)
Name of Department

Introduction

The Mechanical Engineering Department at WPI was established in 1868 and the first undergraduate degrees were awarded in 1871. The Department currently has about 450 undergraduate students and 100 graduate students. Housed in the Higgins Laboratory and the Washburn shops the faculty consists of 29 tenured and tenure track professors, and several non-tenure track teaching staff. The Department offers undergraduate and graduate degrees in Mechanical Engineering and Manufacturing Engineering and graduate degrees in Material Science.

Undergraduate Program

The Mechanical Engineering program at WPI is designed to develop graduates who can deal with world situations that involve technological and humanistic/societal issues. Students develop literacy and competency in utilizing scientific and engineering methods for devising useful products in an economical way, while considering the impacts on society. The Mechanical Engineering program is in harmony with the WPI Plan philosophy of education, in which each student develops competence, confidence, and the skill of self-learning.

Outcomes

1. A graduate should be able to apply the fundamental principles of mathematics, science, and engineering to solve structured problems in mechanical engineering.

2. A graduate should be able to combine fundamental knowledge of engineering principles and modern techniques to solve realistic, unstructured problems that arise in mechanical engineering.

3. A graduate should demonstrate the ability to design and develop useful products, processes, or systems that benefit society.

4. A graduate should develop interpersonal skills, ethical behavior, a professional attitude and a respect for others to function effectively in a team environment.

5. A graduate should demonstrate communications skills, write, oral, electronic and graphical, so that they can perform engineering functions effectively.

Opportunities for Undergraduate Study

The Department offers bachelor of science degrees in mechanical engineering and manufacturing engineering. The mechanical engineering program allows students to select from seven *concentrations*:

*   Aerospace
*   Biomechanical
*   Engineering Mechanics
*   Mechanical Design
*   Manufacturing (More details...)
*   Materials Science and Engineering
*   Thermal and Fluids Engineering

All mechanical engineering majors must complete the same set of distribution requirements, but each concentration has a different set of courses and MQP topics associated with it.

Student Societies

Participation in activities sponsored by student societies is an integral part of the WPI experience. The Mechanical Engineering Department encourages its students to join student societies and develop their leadership skill by serving as officers. Several student organizations have their office in room 219 in the Higgins Laboratory. A complete list of all WPI student organizations is available on the Student Activities Office website.

The main entrance to the Higgins Laboratory. The Mechanical Engineering Department is housed in Higgins Laboratory, completely renovated in 1996, and the Washburn Shops.

Measurable Outcomes

Graduating students should demonstrate the following at a level equivalent to an entry-level engineer or first year graduate student:

     a. An understanding of the fundamental principles of conservation laws, constitutive relations mechanics and materials science.

     b. The ability to apply mathematics, science and engineering to thermofluid and mechanical systems.

     c. The ability to design a system, component or process to meet design criteria.

     d. The ability to design and conduct experiments and to analyze and interpret the resulting data.

     e. The ability to use modern engineering tools for engineering design and analysis.

     f. The ability to communicate effectively both verbally and in writing.

     g. The ability to function within multidisciplinary teams.

     h. The ability to function professionally and ethically.

     i. An understanding of contemporary issues and the impact of engineering solutions in a global/societal context.

     j. An appreciation for the skills to accomplish life-long learning.

     k. Knowledge of chemistry and calculus-based physics with depth in at least one.

     l. The ability to apply advanced mathematics through multivariate calculus and differential equations.

     m. Familiarity with statistics and linear algebra.

     Approved by the faculty 4/13/99 and revised 12/19/2000

These outcomes are consistent with requirement of the Accreditation Board for Engineering and Technology (ABET) for Mechanical Engineering Programs

Graduate Program

The Mechanical Engineering Department offers Doctor of Philosophy (Ph.D.) in Mechanical Engineering and Material Sciences. Master of Science (M.S.) is offered in Mechanical Engineering, Material Sciences, and Manufacturing Engineering. The specific requirements for each degree are described in detail below. Regularly offered courses cover fundamental engineering sciences and special topic courses expose students to state-of-the-art research topics. The Mechanical Engineering Department has offered graduate degrees since 1895 and currently has about 100 full and part time students.

Contact Information

For more information about our research, please contact:

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