HACK RESOURCES

You can always ask for help from mentors in the mentor room on Sococo or in the Mentor Slack Channel. For Questions about the hackathon email **hackathon@osu.edu**.

FREE STUFF

GitHub Student Developer Pack- A package of great developer tools, including Amazon Web Services credit, unlimited GitHub repositories, waived Strip transaction fees, and more.

Microsoft Imagine- Free Microsoft development tools for students.

Amazon Web Services- A huge suite of cloud services, including hosting, computing, storage, networking, and more. They even provide a free tier to get you started.

COMPREHENSIVE HELP

Stack Overflow
Codeacademy
Safari Books Online
How2Hack by Cisco

TEXT EDITORS

Visual Studio Code
SublimeText
AtomEditor
Notepad++

WEBSITE DEVELOPMENT

Getting Started
Codeacadem : Make a Website
Codeacademy: Make an Interactive Website
Resources
JavaScripting: JavaScript libraries, frameworks, and plugins.
Bootstrap: HTML, CSS, and JS frameworks.
Chart.js: Simple and customizable charting JavaScript library.

PYTHON

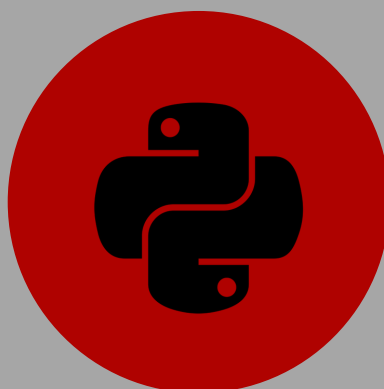One of the world's most used languages, and a favorite at hackathons.
Getting Started:
Official setup guide and tutorial
Resources:
Awesome Python List
PyCharm - Python IDE

ANDROID

Getting Started
Official setup guide and tutorial
Build your first app
Official Android Wear tutorial
Resources
Material Design - Google's design guidelines for apps.
Android Arsenal - Directory of Android libraries, tools, and apps.

APPLE

Getting Started
Download Xcode, the official Apple IDE.
Apple's Official Tutorial
Resources
Apple's API Reference - Docs on Apple's libraries and tools available in Xcode.
Design Guides - Docs on designing apps on each of Apple's suites of devices.

JAVA

Getting Started
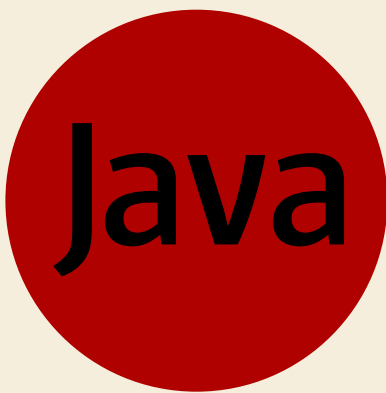Official setup guide and tutorial
Java Development Kit (JDK)
Resources
Java API
Tutorials, trials, and lessons
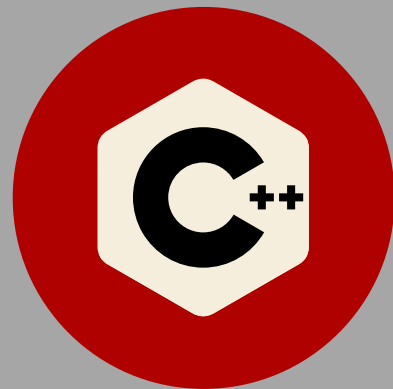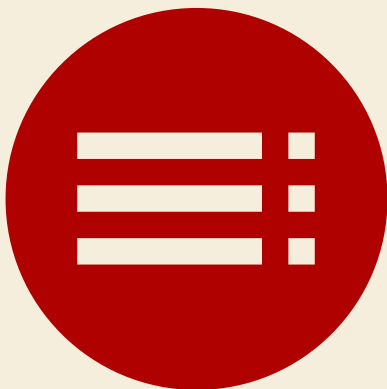
C#

Getting Started
Getting Started with C#
Resources
C# Programming Guide
Tutorials and resources on Tutorials Point

VERSION CONTROL

When you write code, you want an easy way to track changes and collaborate with others. **Git** is a version control tool that It keeps track of all the changes to each file, and keeps a running history. **GitHub** is a code hosting platform that works with Git to cleanly store and view projects online at GitHub.com.

Check out this GitHub tutorial

IDEAS

Can't think of an idea?
Check out this **pdf for 20+ ideas**
make your own plan and run with --
or use this tool for inspiration!