

Session On Creative Project/Research Project/Thesis



Session By

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Time: 07:00pm

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Discussion Agenda



- Internship**
- Project**
- Research Project**
- Thesis**



- ❑ An **internship** is a period of work experience offered by an organization for a limited period of time

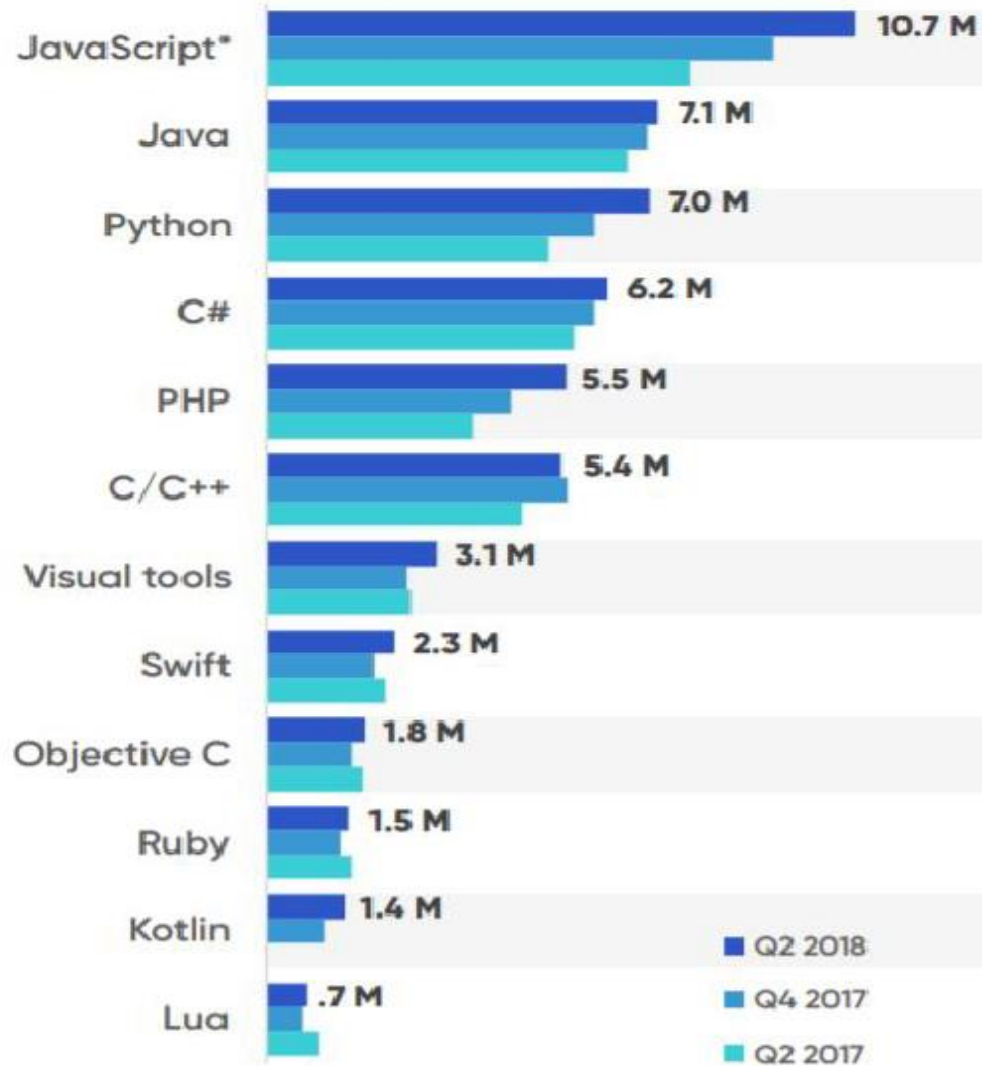
Software Project

- Web Based
- Desktop Based
- Android
- ISO



WORLDWIDE PROGRAMMING LANGUAGE STATISTICS

Active developers



Most popular in

JavaScript*: Web, Cloud, IoT apps
 Java: Mobile, Cloud, Desktop, IoT apps
 Python: Machine learning, IoT apps
 C#: Desktop, AR/VR, Gaming
 PHP: Web, Cloud
 C/C++: Desktop, IoT, Gaming, AR/VR
 Visual tools: AR/VR, Gaming
 Swift: AR/VR, Mobile
 Objective C: AR/VR, Mobile
 Ruby: Cloud, Web, IoT apps
 Kotlin: Mobile, AR/VR
 Lua: Gaming, AR/VR

Least popular in

JavaScript*: ML, IoT devices
 Java: IoT devices, ML, Web
 Python: Mobile, Gaming
 C#: IoT devices, Machine Learning
 PHP: IoT devices, ML, Mobile
 C/C++: Web, Mobile, Cloud
 Visual tools: Cloud
 Swift: Cloud, IoT devices
 Objective C: IoT devices
 Ruby: Mobile
 Kotlin: Desktop, Cloud
 Lua: Mobile

(*) JavaScript includes CoffeeScript, TypeScript

(*) The 'least popular' column only includes sectors for which we have data on the language in question.

Research Project

Web Based

Desktop Based

Android

ISO

- A research project is an in-depth research study of an issue relevant to the field in which you are studying.
- Research differs from coursework in that you are expected to contribute something new to academic or practical knowledge in your research area—something original that is more than the accepted knowledge that can be learnt from reading textbooks and published literature in the area.

Thesis

- ❑ A thesis statement declares what you believe and what you intend to prove. A good thesis statement makes the difference between a thoughtful research project and a simple retelling of facts.

Research Project Field

- IoT
- ICT
- Machine Learning
- Data Science
- BitCoin
- Augmented Reality
- Virtual Reality
- Cloud Computing
- Cloud Security
- Image Processing
- Network Security
- Big Data
- Computer Vision
- AI
- Gamification
- Data Mining
- NLP

Machine Learning

- **Flowers/Fruits/ Vegetables Classification/Disease detection**
- **Predicting Product Quality using Product Quality Dataset**
- **Handwritten Digit Classification and Detection**
- **Human Activity Recognition using Smartphone Dataset**
- **Object Detection with Deep Learning**
- **Online Grocery Recommendation using Collaborative Filtering**
- **Automatic License Number Plate Recognition System**
- **Catching Illegal Fishing Project**
- **Speech Emotion Recognition Machine Learning Project**
- **Sentiment Analysis using Machine Learning**
- **Enhance Healthcare-Disease detection and Classification**
- **Stock Prices Predictor**

Dataset

- Kaggle
- Data.gov
- Quandl
- FiveThirtyEight
- Mendeley Data

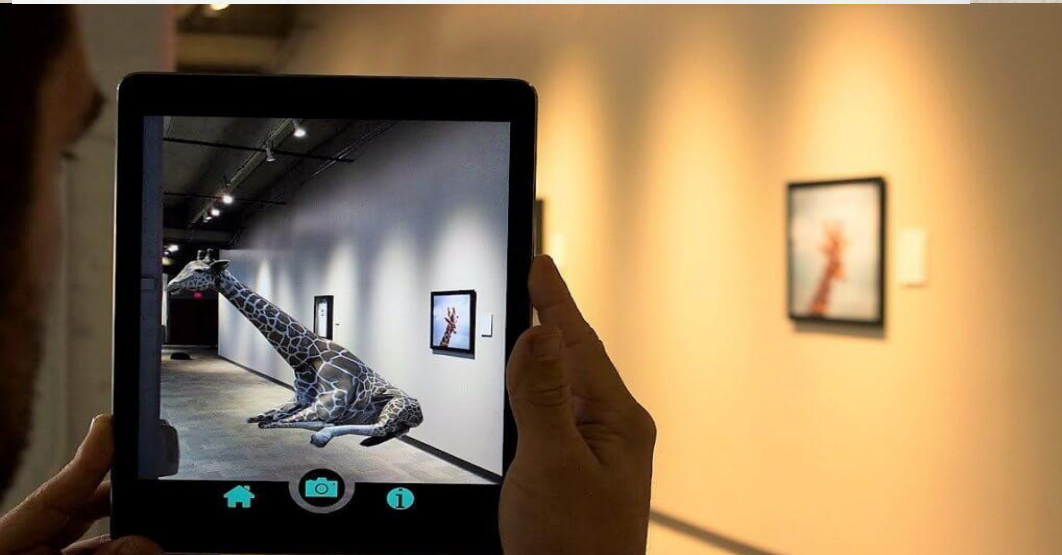
IoT(Internet of Things)

- **IoT Based Humidity and Temperature Monitoring Using Arduino**
- **IoT based Weather Monitoring system**
- **IoT based Health Monitoring System**
- **Monitor Your Energy Bill**
- **IoT Based Intelligent Traffic Management System**
- **IoT Based Smart Parking System**
- **Smart Irrigation System using IoT and cloud**
- **IoT based Smart Waste Management System using Arduino**
- **IoT Based Smart Street Light**
- **IoT based Water Quality Management System using Arduino**
- **IoT Based Baby Monitoring System**
- **IoT based Gas Leakage Monitoring system**
- **IoT Based Water Level Monitoring System**
- **Industry Monitoring with data logger in Google sheet**

HCI(Human Computer Interaction)

- **Augmented Reality(AR)**
- **Virtual Reality(VR)**
- **Evaluation of Interactive Systems**
- **User Interface**
- **Online Eye Testing Interface**
- **Tangible Interfaces**
- **Mobile Computing**

Augmented Reality



Research Publication

❑ DIU Library:

<http://library.daffodilvarsity.edu.bd/>

❑ **Publisher:**

<https://ieeexplore.ieee.org/Xplore/home.jsp>

<https://www.sciencedirect.com/>

<https://dl.acm.org/>

<https://www.springer.com/>

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The banner features a black crow silhouette on the left holding a red key. The background is a light-colored brick wall. In the top right corner, there is a gold medal icon with a red ribbon and a black text box containing the text: "the first website in the world to provide mass & public access to research papers". The word "SCI-HUB" is written in large, bold, red letters in the center. Below it, a red pencil-shaped banner contains the text "...to remove all barriers in the way of science". At the bottom, there is a white search input field with the placeholder text "enter URL, PMID / DOI or search string". In the bottom right corner, there is a red square button with a white key icon and the word "open" in white text.

Tittle Defense

- Motivation**
- Objectives**
- Research Outcome**
- Team Members**



Thank you

