ICT Skills / June Onsite

June 2-day onsite objectives

Preview and Prepare for Semester 2

Semester 2 Preview
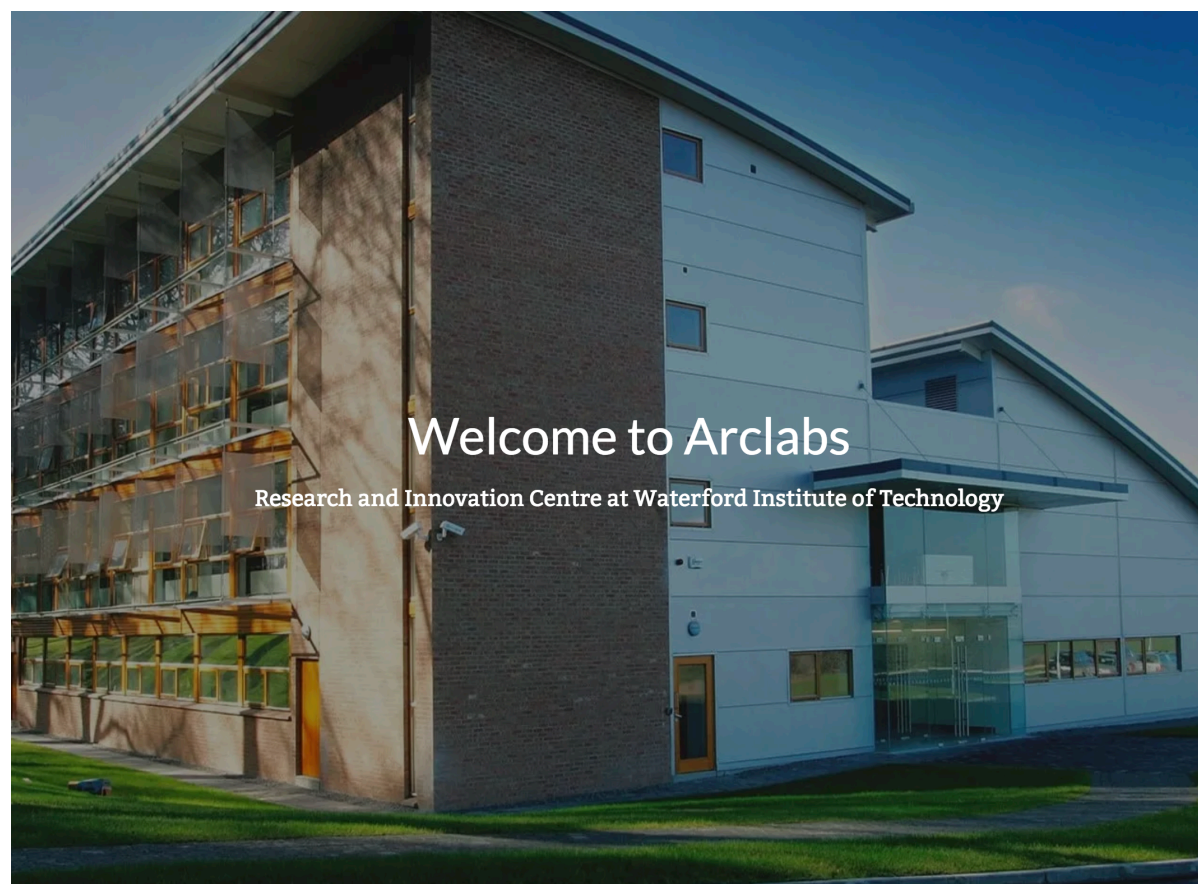
Learn about Placement opportunities from our Industry Partners

Industry Partner Talks

May	12	29	30	1	2	3	4	5	prog & web
reading-weeks		6	7	8	9	10	11	12	
		13	14	15	16	17	18	19	
	1	20	21	22	23	24	25	26	ict skils
June	2	27	28	29	30	31	1	2	ict skils
	3	3	4	5	6	7	8	9	ict skils
	4	10	11	12	13	14	15	16	ict skils
	5	17	18	19	20	21	22	23	ict skils
	6	24	25	26	27	28	29	30	

June 14th & 14th

Location

Welcome to Arclabs
Research and Innovation Centre at Waterford Institute of Technology

http://www.arclabs.ie

Agenda Thursday 14th

Time	Morning		Time	Afternoon
9:00	**Welcome, Agenda + Work Placement Overview** Eamonn de Leastar, Colm Dunphy, Martina Mullally		14:00	
9:30	**Computer Systems & Networks Workshop I** Frank Walsh, Caroline Cahill		14:30	
11:00	Coffee Break		15:00	Coffee Break
11:30	**Computer Systems & Networks Workshop II** Frank Walsh, Caroline Cahill		15:30	
1:00			16:00	
			17:00	

Semester 2 Preview

13:00 Lunch

Industry Partner Talks

cgm Telecom Strategy Development

DATAWORKS® redefining possibilities

Fund Recs

ERRIGAL

Agenda Friday 15th

Time		
9:00	Research & Innovation at TSSG	Industry Partner Talk
9:30	Database Rosanne Birney, Mary Lyng	Semester 2 Preview
11:30	Coffee Break	
12:00	Sun Life Financial	Industry Partner Talks
12:30	SE2 PurposeBuilt to FutureProof	
1:00		

Time	
13:00	Lunch

Time		
14:00	Git Workshop redhat	Semester 2 Preview
15:00	Coffee Break	
15:30	Git Workshop redhat	
17:00		

Confirm Attendance with Martina!

ICT Skills Module

Semester 1

Programming Fundamentals
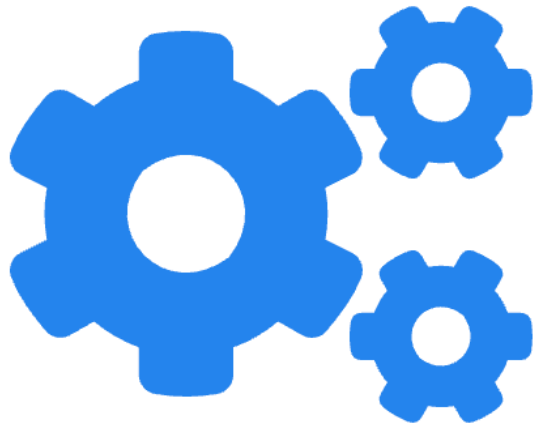
algorithms · data structures · processing · java · classes · libraries
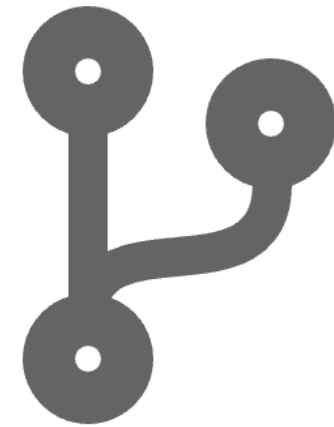
10 Credits

Web Development

html · css · layout · web apps · web frameworks · deployment

5 Credits

ICT Skills Studio

javascript · node · express · git · github · glitch

5 Credits

		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		
May	12	29	30	1	2	3	4	5	prog & web
reading-weeks		6	7	8	9	10	11	12	
		13	14	15	16	17	18	19	
	1	20	21	22	23	24	25	26	ict skils
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	4	10	11	12	13	14	15	16	ict skils
	5	17	18	19	20	21	22	23	ict skils
	6	24	25	26	27	28	29	30	

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
10:45				

Tuition Schedule

12:15	ICT Skills *Webinar* 12:15-2:00	ICT Skills Lab Support *Slack* 12:15-2:00
2:00		

ICT Skills Studio

javascript · node · express · git ·
github · glitch

5 Credits

5 Credit Module to be delivered across Semester 1 & Semester 2

Focus on continuing application development skills - including skills in configuration management and agile methodologies

2 Assignments in total

Assessments Schedule

	Jan	February			March			April		May		June		September	October	November	December
week no.	1	2	3	4	rd.	5	6	7	8	easter	9	10	11	12	rd.	1	2	3	4	5	6
Programming					A1		A2				A3								
Web Development		A1						A2									
ICT Skills					ICT Skills					A1		A2					

Programming	A1	spec:	18-Feb
		submit:	10-Mar
	A2	spec:	18 Mar
		submit:	8 Apr
	A3	spec:	18 Apr
		submit:	21 May
Web Development	A1	spec:	4-Feb
		submit:	11 Mar
	A2	spec:	18 Apr
		submit:	27 May
ICT Skills	A1	spec:	27-Jun
		submit:	2-Sep
	A2	spec:	Oct
		submit:	Dec

ICT Skills Assessment Schedule

	May			June						September		October	November	December
	12	rd.	1	2	3	4	5	6						
			A3											
			A2											
ICT Skills								A1						A2

ICT Skills	A1	spec:	27-Jun
		submit:	2-Sep
	A2	spec:	Oct
		submit:	Dec

ICT Skills Studio I

Eamonn de Leastar
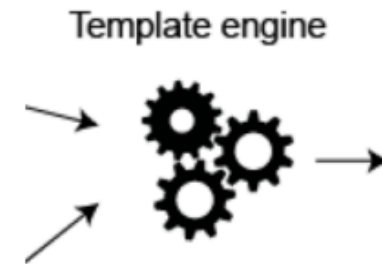
Introduction to Glitch
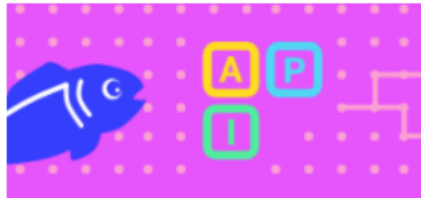
An introduction to the Glitch platform + the very basics of the Javascript Language
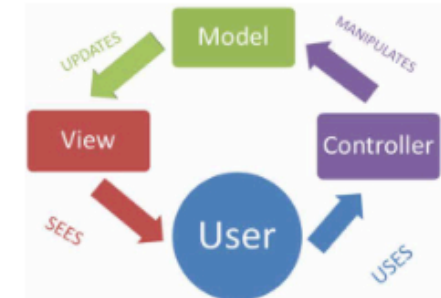
Controllers & Views

Build your first gomix app, a simple static playlist web site.
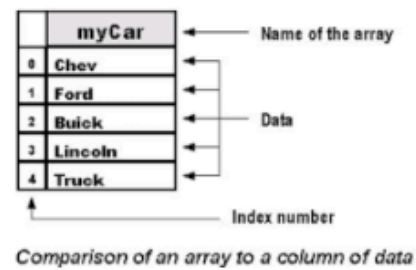
Templates & Routes

Template engine

Explore templating in more detail. Enhanced the routing behaviour

Model View Controller

Explore MVC as implemented in Playlist

JS: Arrays

Comparison of an array to a column of data

Working with Arrays in JS

Sessions

In order to implement user account management, sessions provide a mechanism for identifying specific users

Assignment

Assignment Specification for this module

Tuition Programme