



School of Computer Science of McGill University

Be A Computer Scientist For A Week

2012 SCHEDULE - TENTATIVE

AI AND ROBOTS IN SPACE 2012

Time	Description	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00	Arrival	Registration				
9:00-10:00	Cool Presentation	Computers and Science (Canadian Space Agency)	Graphics	Artificial Intelligence	Robotics	Competition preparation lab
10:00-10:15	Break	McGill Snack	McGill Snack	McGill Snack	McGill Snack	
10:15-12:00	Lesson	Programming using the Basic Language	Image Processing	Simulating Intelligence	Programming Robots	
12:00-13:00	Lunch	BYO Lunch	BYO Lunch	BYO Lunch	BYO Lunch	BBQ
13:00-14:30	Lab Time	Programming Problems	Tools	The Ant Simulator	Teams and Competition preparation lab	The Competition
14:30-14:45	Break	McGill Snack	McGill Snack	McGill Snack		
14:45-16:00	Project	Canadian Space Agency	Space Imaging	Competing Intelligences		
16:00-16:30	Optional Tour	Canadian Space Agency		McGill Robot Labs	Awards Ceremony	
16:30	Going Home	McGill Snack	McGill Snack	McGill Snack		Snacks

GAME PROGRAMMING GURU 2012

Time	Description	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00	Arrival	Registration				
9:00-10:00	Cool Presentation	Computers and Gaming (EA Games)	Computer Graphics	Artificial Intelligence in Games (A2M)	Physical Simulations (A2M)	Competition preparation lab
10:00-10:15	Break	McGill Snack	McGill Snack	McGill Snack	McGill Snack	
10:15-12:00	Lesson	Programming using the Java Language	3D Modeling with Wing3D	Introduction to AI	Physics + Content Generation	
12:00-13:00	Lunch	BYO Lunch	BYO Lunch	BYO Lunch	BYO Lunch	BBQ
13:00-14:30	Lab Time	Programming Problems	3D Model Creation	AI Exercises	Learning Neverwinter Nights	The Competition
14:30-14:45	Break	McGill Snack	McGill Snack	McGill Snack		
14:45-16:00	Project	Competition preparation	Rendering Objects	Competition preparation	Competition preparation	Awards Ceremony
16:00-16:30	Optional Tour	EA Games		A2M		
16:30	Going Home	McGill Snack	McGill Snack	McGill Snack	Snacks	

MEDICAL COMPUTING 2012

Time	Description	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00	Arrival	Registration				
9:00-10:00	Cool Presentation	Computers and Medicine	Robotics in medicine	Computational drug design	Decoding the human genome	Competition preparation lab
10:00-10:15	Break	McGill Snack	McGill Snack	McGill Snack	McGill Snack	
10:15-12:00	Lesson	Programming using the Java Language	Modeling a 3D world	Introduction to AI and search algorithms	DNA sequence decryption	
12:00-13:00	Lunch	BYO Lunch	BYO Lunch	BYO Lunch	BYO Lunch	BBQ
13:00-14:30	Lab Time	Programming Problems	3D Model Creation	AI Exercises	Competition preparation	The Competition
14:30-14:45	Break	McGill Snack	McGill Snack	McGill Snack		
14:45-16:00	Project	Competition preparation	Relationship between molecules	Competition preparation	Competition preparation	Awards Ceremony
16:00-16:30	Optional Tour	Shared Reality Lab		Robot Labs		
16:30	Going Home	McGill Snack	McGill Snack	McGill Snack	Snacks	