CAMP LOCATION – NEW LOCATION

The Computer Science Department has moved. We are now part of the College of Engineering and Mines. Camps will be held in the Collaborative Energy Center. We will send out specifics about location, and drop off procedures after registration.

CAMP STAFF

Tom Stokke, teaches a variety of computer science classes at the University of North Dakota. His research interests include computer science education and educational computing. Tom's hobbies include playing, coaching and refereeing volleyball. Tom also enjoys spending time with his wife, Angie, and his three young children: Nick, Erik and Elle.

Nancy Nettum is the Department's administrative assistant who handles the purchasing and "behind the scene" tasks.

Camp staff will also include graduate and undergraduate students from the UND Computer Science department. They have been selected because of their interest in computer science education.

ALICE ANIMATION

Intro Camps

June 18 - 22, 2018   1 pm - 4 pm
June 25 - 29, 2018   9 am - 12 pm

Computer Science Department
Upson II Room 366
243 Centennial Drive 9015
Grand Forks, ND 58202-9015
Phone: 701.777.4107

http://camps.cs.und.edu

The Animation camp will use Alice 3.4. The graphics capabilities of Alice have been greatly improved, including the addition of many characters from the EA Sims® games.

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Alice is a computer program that makes creating a virtual world to tell a story or play a game easy. Drag-and-drop graphics make programming a snap for any age. Programming with Alice allows the camper to focus on the content and creativity of the story, which helps develop problem-solving skills.

The Alice program allows the camper to select from hundreds of objects - people, animals, furniture, and vehicles, to name just a few. They will learn how to move objects or parts of objects -- people walk, planes fly and dragons flap their wings. The program also allows for interaction among the objects, such as: people can "talk" using text or sound, a plane can be controlled by the user, and a dragon can find the knight. Movies can be made once the project is complete.

Alice is a free program that works on both Apple and Windows computers. It was initially developed by the late Randy Pausch of "The Last Lecture" fame. This product includes software developed by Carnegie Mellon University. For more information about the Alice program to go http://www.alice.org.

The advanced camp will expand on the knowledge the students gained in the intro camp. The campers will learn how to bring digital photos into their Alice worlds. The photos can be used as a background for their world or to place a "real" object into the animated world. We will learn to create QuickTime movies from the Alice worlds, and even join multiple worlds into a single QuickTime movie.

Campers will also learn more complex programming techniques for use in game programming, such as decision making and interactive programming skills. Animation techniques will include working on story design, working with sound, and advanced special effects.

The advanced camp is for students who do well in the intro camp and are looking for more advanced problems. We strive to create new challenges for every camp each year. Many students who don't feel ready for the advanced camp choose to enroll in the intro camp again.

The Animation camp will use Alice 3.4. The graphics capabilities of Alice have been greatly improved, including the addition of many characters from the EA Sims® games.

For questions about the camp contact:
Tom Stokke • 701-777-3337
tstokke@cs.und.edu

For questions about registration contact:
Nancy Nettum • 701-777-4107
nancy.nettum@engr.und.edu

Cancellation and Substitutions

Cancellations can be made by contacting Nancy Nettum at nancy.nettum@engr.und.edu or Tom Stokke at tstokke@cs.und.edu or call 701-777-4107 (you will need your order number from your confirmation email to complete the process). If the cancellation notice is received by one week **prior** to the start date, you will be refunded your registration fee minus a $35 processing fee. No refunds will be given **AFTER** one week prior to the start date. Substitutions can be accommodated by contacting Nancy Nettum at 701-777-4107.

• No refunds will be made due to behavior issues
• The registration fee will not be pro-rated if the camper leaves early for any reason

We reserve the right to cancel a camp due to low enrollment numbers.

These camps are geared for children ages 9 - 14.

If campers are interested in attending both a morning and afternoon camp in the same week, camp staff will provide supervision for any campers who wish to bring a sack lunch.

Scholarships

A limited number of need-based scholarships are available. Please call Tom Stokke for more information at 701-777-3337 or Nancy Nettum at 701-777-4107.