2016 Summer Institute @UCF

Competitive Programming

THE COMPETITIVE PROGRAMMING SUMMER INSTITUTE is an intensive two-week residential program for gifted and high-achieving students who have a background in Computer Science with an interest in algorithms and programming competitions.

JULY 10-22, 2016

WHAT WILL I BE DOING?
The program offers lectures on data structures and algorithms commonly seen in competitions, several practice competitions, problem reviews of those competitions and personalized coaching from coaches and members of UCF's acclaimed Programming Team. The camp is specifically designed to help students improve their performance in contests such as USACO, TopCoder, CodeForces, and eventually the ACM ICPC.

WHAT ABOUT THE UCF PROGRAMMING TEAM?
UCF students have participated in the International Collegiate Programming Contest (ICPC) the last 34 years and have finished in the top three in the Southeast region (five states) every year, a record matched by no other school in the region.

This includes a record number 18 times in first place. Considering UCF has won the Southeast Regional Contest 18 out of 34 years and considering there are typically 100+ teams competing in the region, this indicates that UCF has won the region as many times as the remaining 100 teams combined. The ICPC has a participation of 100+ countries and 12,000+ teams. The contest is a 2-tiered process: first teams compete in regional contests and, based on regional results, some teams advance to Contest Finals to determine the world champion.

The UCF team also finished 2nd in the 2014 North American Invitational Programming Contest (NAIPC). Teams from USA and Canada that had qualified for the final round of ICPC were invited to NAIPC.

Visit **siucf.cs.ucf.edu** for more information.