



**Davidson Fellow
Anders Kaseorg**

(\$25,000 Scholarship Recipient)



Personal Info

Anders Kaseorg

Age: 17

Charlotte, N.C.

School, College and Career Plans

Anders will complete his high school education in June 2004. He plans to attend college and will pursue a career related to his interests in mathematics or computer science.

Davidson Fellows Submission (*Mathematics*)

In his project "The Theory of P-Set Games," Anders advanced the field of game theory by investigating a new class of combinatorial games, known as p-set games, in which players are allowed to interfere in some way with their opponents' moves. While exploring p-set games, Anders discovered how to find the winning strategy in any sum of impartial p-set games and successfully applied his explanation to a more general class of games.

Biography

Anders has been home schooled since first grade, allowing him to be challenged at his intellectual level. He taught himself high school math at age nine, and has taken college-level math courses at the University of North Carolina Charlotte (UNCC) since he was ten.

Anders achieved perfect scores in the American Regions Math League, AMC>12 and the North Carolina State Math Contest. He was a member of the United States Math Olympiad Team, receiving fourth place, and competed in the International Mathematics Olympics, where he won a silver medal in 2002.

In addition to his mathematics activities, Anders organized a local chess club and is also a member of a juggling club and math club.

Anders enjoys playing the piano, juggling, playing chess and developing his skills in web development and design, and computer programming.

Please see next page.



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(Cont.)

Honors/Awards

- 2003 Davidson Fellow
- 2003 International Math Olympiad, Gold Medalist
- 2003 U.S. Computing Olympiad, Third Place
- 2003 International Olympiad in Informatics, Team member
- 2003 Duke Math Meet, First Place Individual Division
- 2003 Charlotte Piano Teachers Forum, First Place Senior Division
- 2003 Clay Mathematics Research Academy, Junior Fellow
- 2003 University of North Carolina at Charlotte Regional Comprehensive Math Contest, First Place
- 2002-2003 USA Math Olympiad Team, Member
- 2002-2003 International Math Olympiad Team, Member

Community Activities

Anders is a math tutor, an assistant teacher in his church's children's program, has organized a local Kids Voting booth and plays the piano at community and church special events. He also is an assistant coach for the home school MathCounts team, is a tutor for homeless school children and serves as Sergeant at Arms for the Charlotte Area Gavel Club.

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