

Grow Your Knowledge

Consider AO

**IMMEDIATE
JOB
OPENINGS**

Open Positions:



- Scientific Programmer
- Computer Scientist
- Computer and Electrical Engineer
- Telescope Operator

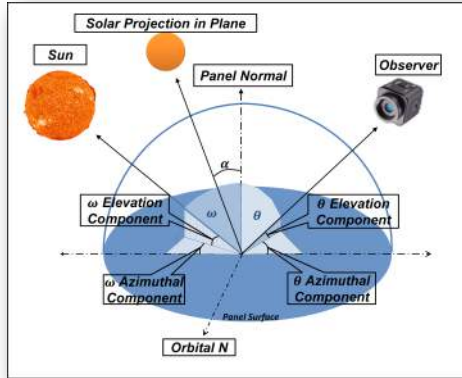
We are a growing organization. Visit our website for additional updates on positions available. U.S. Citizenship or Green Card is required.

"When I hired on at AO, I wanted to pursue my masters. Dr. Chaudhary told me that school comes first and he would work with me around my school schedule. He has lived up to that promise."

University of Dayton grad

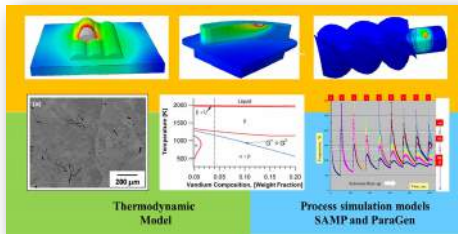
"Until joining AO, I thought I would only be able to pursue my love for space as an avocation. Now I not only can combine my computer engineering background with space, but I am going to secure my master's degree in aerospace engineering."

Wright State University grad



Space Situational Awareness

In space situational awareness, we develop algorithms for the control of optical equipment and the collection, reduction and analysis of brightness data for astronomical objects.



Mathematical Modeling

In mathematical modeling, we develop algorithms for the control of materials processing equipment, and the collection, reduction and analysis of materials data for structural and engineering components.

AO Applied Optimization

The Right Balance of Non-Conformity & Critical Thinking

Applied Optimization, Inc.

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TOP MINDS WANTED

Help Us Solve Complex Problems in the World

AO Applied Optimization

The Right Balance of Non-Conformity & Critical Thinking

Do You Want to Make a Difference in the World? Perhaps Change the World?

Do you...feel alone in a sea of shallow ideas?

PASSION

Do you...have a passion for math, science or algorithms?

ACADEMICS

Do you...have a proficiency in managing resources?

PROFICIENCY

CREATIVITY

Do you...possess the ability to solve problems creatively?

INTEGRITY

Do you...consider integrity a personal choice?

We Seek Out Complex Problems to Solve at

United States Air Force
National Air and Space Intelligence Agency
Defense Advanced Research Projects Agency
United States Navy
NASA



The THREE Books... my Venture Capital

Anil Chaudhary, Sc.D., Founder of Applied Optimization, Inc.

Dr. Chaudhary, tell us a little about how Applied Optimization got started?

"When I was in college, my favorite professor told me that you do not need to study a stack of books to be learned, but to know three books very well. I took that advice to heart and realized that not only was it true, but these three books had become my venture capital."

I wanted to use this knowledge to optimize manufacturing processes in the auto and aircraft industries. We began with an application that used classical mathematics to solve a new problem. It almost worked like magic and created faith that we could do this again and again."

Are you just as excited about science and math as you were when you were a young student at MIT?

"Mathematics and science are as beautiful as the trees and the oceans. A thing of beauty is joy forever. And MIT, it was only yesterday."



OUR MISSION

To Work Collaboratively to Change the World

Our mission is working collaboratively to change the world. We are professionals who want to make a difference in a dynamic, rigorous environment where technical discovery is a daily pursuit.



*"Two roads diverged in a wood, and
I took the one less traveled by,
And that has made all the difference."*

- Robert Frost
American Poet