



# One Jump Ahead: Computer Perfection at Checkers

By Jonathan Schaeffer

Download now

Read Online 

## One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer

It's hard to believe that it's been over a decade since *One Jump Ahead: Challenging Human Supremacy at Checkers* was published. I'm delighted to have the opportunity to update and expand the book. The first edition ended on a sad note and that was reflected in the writing. It is now eleven years later and the project has come to a satisfying conclusion. Since its inception, the checkers project has consumed eighteen years of my life? twenty if you count the pre-CHINOOK and post-solving work. It's hard for me to believe that I actually stuck with it for that long. My wife, Steph, would probably have something witty to say about my obsessive behavior. Rereading the book after a decade was difficult for me. When I originally wrote *One Jump Ahead*, I vowed to be candid in my telling of the story. That meant being honest about what went right and what went wrong. I have been criticized for being hard on some of the characters. That may be so, but I hope everyone will agree that the person receiving the most criticism was, justifiably, me. I tried to be balanced in the storytelling, reflecting things as they really happened and not as some sanitized everyone-lived-happily-ever-after tale.

 [Download One Jump Ahead: Computer Perfection at Checkers ...pdf](#)

 [Read Online One Jump Ahead: Computer Perfection at Checkers ...pdf](#)

# One Jump Ahead: Computer Perfection at Checkers

By Jonathan Schaeffer

## One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer

It's hard to believe that it's been over a decade since One Jump Ahead: Challenging Human Supremacy at Checkers was published. I'm delighted to have the opportunity to update and expand the book. The first edition ended on a sad note and that was reflected in the writing. It is now eleven years later and the project has come to a satisfying conclusion. Since its inception, the checkers project has consumed eighteen years of my life? twenty if you count the pre-CHINOOK and post-solving work. It's hard for me to believe that I actually stuck with it for that long. My wife, Steph, would probably have something witty to say about my obsessive behavior. Rereading the book after a decade was difficult for me. When I originally wrote One Jump Ahead, I vowed to be candid in my telling of the story. That meant being honest about what went right and what went wrong. I have been criticized for being hard on some of the characters. That may be so, but I hope everyone will agree that the person receiving the most criticism was, justifiably, me. I tried to be balanced in the storytelling, reflecting things as they really happened and not as some sanitized everyone-lived-happily-ever-after tale.

## One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer Bibliography

- Sales Rank: #1171563 in Books
- Published on: 2008-11-13
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x 1.37" w x 6.10" l, 1.74 pounds
- Binding: Paperback
- 585 pages



[Download One Jump Ahead: Computer Perfection at Checkers ...pdf](#)



[Read Online One Jump Ahead: Computer Perfection at Checkers ...pdf](#)

## Download and Read Free Online One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer

---

### Editorial Review

#### From the Back Cover

The new edition of this extraordinary book depicts the creation of the world champion checkers computer program, Chinook. In only two years, Chinook had become a worthy opponent to the world champion, and within four years had defeated all the world's top human players. Jonathan Schaeffer, the originator and leader of the Chinook team, details the mistakes and technical problems made and the lessons learned in the continuous effort to improve Chinook's performance, revealing the human factor behind the program's design. The development of Chinook begins in 1988 as an innocent question asked over lunch and is followed to the final match against then world champion, Marion Tinsley, and ultimately to its recent triumph, solving checkers. Schaeffer's unwaveringly honest narrative features new anecdotes, updated material and technology descriptions, and additional photos and figures, providing an engrossing account of an obsessive quest to achieve perfection in computer checkers.

Jonathan Schaeffer is a professor of Computing Science at the University of Alberta. His research interests are in artificial intelligence, and he is well known for using games to demonstrate his ideas. He has achieved success building high-performance programs for chess, checkers and poker. Today, most of his research effort is devoted to addressing the challenging problems of the commercial games industry.

"In his unique voice, Jonathan Schaeffer describes the ups and downs of a research project where the ultimate goal is perfection. And Schaeffer is brutally honest about his failures to live up to this standard. When he finally succeeds at his eighteen-year quest, the reader can't help but share the emotions of the moment."

-- Murray S. Campbell, member of IBM's Deep Blue Supercomputer development team

#### About the Author

The scientists who developed Chinook rigorously proved that Chinook can never lose, i.e. computer checkers has been solved. Author Schaeffer detailed the process on the web site of the journal *Science* in July 2007, and the story has since been reported in the *Chicago Tribune*, *The New York Times*, *USA Today*, *Discover Magazine*, as well as on MSNBC and CNN, among others.

### Users Review

#### From reader reviews:

##### **Brandon Li:**

Book is to be different for each and every grade. Book for children until eventually adult are different content. As you may know that book is very important usually. The book One Jump Ahead: Computer Perfection at Checkers ended up being making you to know about other know-how and of course you can take more information. It is extremely advantages for you. The reserve One Jump Ahead: Computer

Perfection at Checkers is not only giving you a lot more new information but also being your friend when you feel bored. You can spend your own personal time to read your e-book. Try to make relationship with the book One Jump Ahead: Computer Perfection at Checkers. You never truly feel lose out for everything in the event you read some books.

**Raul Warren:**

Your reading 6th sense will not betray you, why because this One Jump Ahead: Computer Perfection at Checkers reserve written by well-known writer who really knows well how to make book that may be understood by anyone who all read the book. Written with good manner for you, dripping every ideas and producing skill only for eliminate your current hunger then you still skepticism One Jump Ahead: Computer Perfection at Checkers as good book not just by the cover but also by the content. This is one book that can break don't ascertain book by its cover, so do you still needing a different sixth sense to pick that!? Oh come on your looking at sixth sense already alerted you so why you have to listening to yet another sixth sense.

**Kristen Wright:**

E-book is one of source of understanding. We can add our expertise from it. Not only for students but native or citizen have to have book to know the up-date information of year in order to year. As we know those books have many advantages. Beside we add our knowledge, can also bring us to around the world. From the book One Jump Ahead: Computer Perfection at Checkers we can consider more advantage. Don't someone to be creative people? To be creative person must want to read a book. Just choose the best book that acceptable with your aim. Don't be doubt to change your life by this book One Jump Ahead: Computer Perfection at Checkers. You can more attractive than now.

**Sean Mills:**

Some people said that they feel bored when they reading a publication. They are directly felt that when they get a half parts of the book. You can choose often the book One Jump Ahead: Computer Perfection at Checkers to make your current reading is interesting. Your skill of reading talent is developing when you just like reading. Try to choose very simple book to make you enjoy to learn it and mingle the sensation about book and reading through especially. It is to be first opinion for you to like to wide open a book and read it. Beside that the guide One Jump Ahead: Computer Perfection at Checkers can to be your brand-new friend when you're truly feel alone and confuse in doing what must you're doing of the time.

**Download and Read Online One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer #29D1VFKBQ64**

# **Read One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer for online ebook**

One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer books to read online.

## **Online One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer ebook PDF download**

**One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer Doc**

**One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer Mobipocket**

**One Jump Ahead: Computer Perfection at Checkers By Jonathan Schaeffer EPub**