SALEM PRESS
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<u>**For Immediate Release**</u>

November 3, 2022

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Salem Press Announces
Careers in Artificial Intelligence

Salem Press is proud to announce the newest addition to the *Careers In* series, *Careers in Artificial Intelligence*. Merging scholarship with occupational development, this single comprehensive guidebook provides a thorough introduction to the wide range of career opportunities available to those interested in this scientific field.

Artificial intelligence (AI) is all around us, from music choices to electronics to healthcare. AI refers to machines that are programmed to think and act like humans. Examples of AI include Pandora personalized song lists, robotic vacuum cleaners and self-driving vehicles. Many industries offer careers in AI, including financial services, technology, marketing, agriculture, gaming, and retail. As the need for technology and its problem-solving abilities continues to grow, so does the need for highly-skilled individuals to work in this sector.

The next section in *Careers in Artificial Intelligence* details **29 Profiles** in related occupations, including:

- Aerospace Engineer
- Automotive Service Technician/Mechanic
- Computer Hardware Engineer
- Craft/Fine Artist
- Industrial Designer
- Material Engineer

- Mathematician/Statistician
- Mechanical Engineer
- Operations Research Analyst
- Quality Control Inspector
- Sales Engineer
- Software Developer/Quality Assurance Analyst/Tester

Interesting enhancements, like **"A Day in the Life of…"**, and several charts and tables, add depth to the discussion. A highlight of many chapters is the **Conversation With**—a comprehensive interview with a professional in a related job. This section offers insight into specific areas of this career path including an aerospace engineer, a computer hardware engineer, an industrial designer, a mathematician, a mechanical engineer, an urban/regional planner, and more.

Each chapter begins with a **Snapshot** of the occupation that includes median pay, job outlook, typical education requirements, working conditions, and recommended areas of interest. This is followed by these major categories:
- **Career Overview** includes a description of the career in terms of its: duties, examples of titles of positions in that specific career, work environment and work schedules.

- **How to Become…** that explains how to begin and grow a career within a specific career profile by describing important qualities, education, licenses and certifications, and advancement opportunities.
- **Similar Occupations** lists specific jobs that are related in some way to the entrepreneurial career profiled.
- **Job Outlook and Job Prospects** describe current and anticipated rate of growth for a specific career and compares to other jobs in the area.

Additionally, this title includes back matter of:
- **Appendix A**: Guide to Holland Code. This discusses John Holland's theory that people and work environments can be classified into six different groups: Realistic; Investigative; Artistic; Social; Enterprising; and Conventional.
- **Appendix B**: General Bibliography. This is a collection of suggested readings, organized into major categories.
- **Appendix C**: List of Organizations and Resources. Further resources for education, certification, professional development, and networking can be found in this appendix.
- **Subject Index**: Includes people, concepts, technologies, terms, principles, and all specific occupations discussed in the occupational profile chapters.

This ongoing series serves as a stepping stone in understanding specific careers and provides a wealth of information on the education and training needed within each profession along with a look towards the future of the field with an informative employment outlook.

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This single comprehensive guidebook provides students passionate about artificial intelligence with the necessary insight into the wide array of diverse and dynamic options available to them. The book offers guidance regarding what job seekers can expect in terms of training, advancement, earnings, job prospects, and more. *Careers in Artificial Intelligence* is specifically designed for a high school and undergraduate audience and is edited to align with secondary or high school curriculum standards.

Careers in Artificial Intelligence
Pub. Date: October 2022
Hardcover ISBN: 978-1-63700-381-7   361 pages $125.00
Ebook ISBN: 978-1-63700-382-4