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The Apple's Apprentice


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PRODUCTION

Brian Wiser → Design, Scanning, Magazine Restoration
Bill Martens → Production, Table of Contents

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About Roger Wagner

Roger Wagner is a programmer who has deep roots in the Apple II community, going all the way back to the beginnings of the platform. In 1978, he started his own software publishing company, Southwestern Data Systems (SDS), as a vehicle for the distribution and sales of some of his first software products for the Apple II. These products included his *Programmer's Utility Pack* and *Apple-Doc*, which were sold on cassette tape.

For those of us who grew up with the Apple II in the 1970s and 1980s, Roger's software was a mainstay – his hands were everywhere in the Apple world. He also wrote *The Correspondent* and *MouseWrite* word processors for the Apple II. SDS sold software written by other authors, including Glen Bredon's popular *Merlin* assembler, The Routine Machine Applesoft extensions by Peter Meyer, *ASCII Express* and *Z-Term* by Bill Blue, as well as games like *BEZARE* by John Beznard and *NORAD*.

During those early years, he also wrote articles for many major magazines of the day, including *Call-A.P.P.L.E.*, *Nibble*, *inCider*, *A+*, and *GS+*. Wagner is best remembered for his long-running "Assembly Lines" column in *Softalk*, which focused on teaching the first generation of Apple II users how to program in 6502 assembly language.

In 1984, Roger partnered with A.P.P.L.E. founder and *Call-A.P.P.L.E.* magazine editor, Val Golding, to create a magazine dedicated to teaching children of all ages about programming – *The Apple's Apprentice*. Roger was the publisher and Val was the editor. Articles were fun and informative with columns such as: Spells and Potions, The Sourceror's Apprentice, Ask the Wizard, and The Crystal Ball. The educational aspect and philosophy behind *The Apple's Apprentice* followed the same goal as Apple's with the Apple II computer – to educate and inspire. While the magazine only had three issues, the quality of the production, articles, and art stands out as a reminder of how good an educational magazine can be.

He later renamed his software company to Roger Wagner Publishing, and continued to provide quality software for both the 8-bit Apple II and the 16-bit Apple IIGS. His most famous contribution to the IIGS was the HyperCard-inspired program, *HyperStudio*, which linked pictures, audio media, and text with clickable links, a foretaste of the hyperlinked Web that was to arrive in the 1990s. Wagner later developed it for Windows and Mac, and promoted its use in schools – teaching students to create presentations and to learn about computers. He further developed *HyperDuino*, an Arduino-based hardware extension for the *HyperStudio* to let people control real-world devices with their projects. Roger continues to educate the younger generation, developing and teaching Arduino-type projects.

*HyperStudio 5 for Mac* continues to evolve from its Apple II roots. Roger released *HyperStudio AUTHOR* that allows for the creation of simple and beautiful interactive iPad books with HTML5-based media that can be merged into *Apple's iBooks Author*. For more information, visit: rogerwagner.com.
CONTENTS

Preface: by Roger Wagner ........................................................................................................................ $09

April 1984 – Volume 1, No. 1

From the Tower – The Apprentice Wizard................................................................. 4
Timely topics to tickle teen trends ... what's happening inside.

Apogee? Yes Apples, Oh Gee – Mike Newton.......................................................... 5
The story beyond the story behind the story of Star Trek and Battlestar Galactica.

The Sourceror's Apprentice – Mike Newton............................................................. 9
An introduction (by one of Merlin's friends) to the Apple CPU.

The Duncan Letters – Joe Holt .............................................................................. 13
Life in the Castle: A traveling minstrel who brought tales of Apples in a distant land.

Spells and Potions – George Spelvin ................................................................. 15
Cures for all ills of type Apple.

Ask the Wizard – The Wizard of Fairhill ............................................................... 15
Tell me why my Apple doesn’t tick or type stuff.

MagiGraphics – Roger Wagner ........................................................................ 18
An introduction to Lo-Res graphics with a simple racer program.

Bumbling Through BASIC – Val J. Golding ......................................................... 20
If you think bumbling is bad, you may change your mind when you read this.

Phreaking Out – Cheshire Catalyst ...................................................................... 23
Among other things, famous people who built those little 'blue boxes.'

Back Talk .............................................................................................................. 25
Your chance to talk back and speak your mind on any subject.

Ye Olde Game Shoppe – Val J. Golding ............................................................... 27
A medieval shop keeper helps keep you up to date on current games, plus a contest!

An Introduction to Eamon Adventures – Mike Thyng ........................................ 28
Gentle hints on how to get started with Eamon and other adventure games.

Better Begin With BASIC – Mike Collins .......................................................... 29
If you've never touched a computer in your life, now is the time.

The Crystal Ball .................................................................................................... 31
Check this spot each month for the very latest in hardware and software ... a look at the future!

Microchips – Robert Cavey ................................................................................ 32
Sally buys a computer (almost).
# June 1984 – Volume 1, No. 2

<table>
<thead>
<tr>
<th>Section</th>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>From the Tower</td>
<td>The Apprentice Wizard</td>
<td>4</td>
</tr>
<tr>
<td>Journey to a Computer Camp</td>
<td>Donna Sexton</td>
<td>5</td>
</tr>
<tr>
<td>The //c: What's to See?</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>MagiGraphics</td>
<td>Roger Wagner</td>
<td>13</td>
</tr>
<tr>
<td>Bumbling Through BASIC</td>
<td>Val J. Golding</td>
<td>15</td>
</tr>
<tr>
<td>Shortcut to Adventure</td>
<td>Jack Cassidy, Pete Katz, Richard Owen Lynn, Sergio Waisman</td>
<td>18</td>
</tr>
<tr>
<td>Logo Lingo</td>
<td>Jeff Sandys</td>
<td>23</td>
</tr>
<tr>
<td>The Sourceror's Apprentice</td>
<td>Mike Newton</td>
<td>24</td>
</tr>
<tr>
<td>Thief</td>
<td>Val J. Golding</td>
<td>26</td>
</tr>
<tr>
<td>Spells and Potions</td>
<td>George Spelvin</td>
<td>27</td>
</tr>
<tr>
<td>Quick Adder</td>
<td></td>
<td>27</td>
</tr>
<tr>
<td>Cross Words</td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>Daze of the Knights</td>
<td></td>
<td>29</td>
</tr>
<tr>
<td>Ask the Wizard</td>
<td>The Wizard of Fairhill</td>
<td>30</td>
</tr>
<tr>
<td>What to Do Till the Wizard Comes</td>
<td>Val J. Golding</td>
<td>31</td>
</tr>
<tr>
<td>Ye Olde Game Shoppe</td>
<td>Val J. Golding</td>
<td>33</td>
</tr>
<tr>
<td>The Apple I</td>
<td></td>
<td>35</td>
</tr>
<tr>
<td>Window on BASIC</td>
<td>Ralph H. Swerdlow, MD</td>
<td>36</td>
</tr>
</tbody>
</table>

*From the Tower – The Apprentice Wizard*

*A road map to this issue with scenic attractions noted.*

*Journey to a Computer Camp – Donna Sexton*

*Learning fun in the woods, interview with Mark Zacovic.*

*The //c: What's to See?*

*Detailed details on Apple’s powerful and potent personal portable.*

*MagiGraphics – Roger Wagner*

*Updating the Racer graphics program from the last issue.*

*Bumbling Through BASIC – Val J. Golding*

*Stop and Trace: Some useful debugging tools.*

*Shortcut to Adventure – Jack Cassidy, Pete Katz, Richard Owen Lynn, Sergio Waisman*

*Transylvania room maps and hints for winning.*

*Logo Lingo – Jeff Sandys*

*Learning the Logo language from the ground up.*

*The Sourceror’s Apprentice – Mike Newton*

*The Sourceror talks about hex numbers and memory.*

*Thief – Val J. Golding*

*Poem.*

*Spells and Potions – George Spelvin*

*More neat tricks to make your programming life easier.*

*Quick Adder*

*A two-line program to add.*

*Cross Words*

*Another type of puzzle to bat your brains out on.*

*Daze of the Knights*

*A fancy name for a new series of fun contests.*

*Ask the Wizard – The Wizard of Fairhill*

*Using D$ and POKEing location 32.*

*What to Do Till the Wizard Comes – Val J. Golding*

*Opening Your Apple Crate: Read this before you plug in your brand-new Apple.*

*Ye Olde Game Shoppe – Val J. Golding*

*A review of Chivalry and a whole bunch more.*

*The Apple I*

*First of a Breed: See what it looked like!*

*Window on BASIC – Ralph H. Swerdlow, MD*

*Partitioning your text screen.*
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--- Magazines, Fun, History ---