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| Titolo | Raising Young Coders : A Parent's Guide to Teaching Programming at Home / / by Cassandra Chin |
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| ISBN | 9798868813931 |
| Edizione | [1st ed. 2025.] |
| Descrizione fisica | 1 online resource (XII, 150 p. 88 illus., 87 illus. in color.) |
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| Soggetti | Computer programming - Study and teaching |
| Lingua di pubblicazione | Inglese |
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| Livello bibliografico | Monografia |
| Nota di contenuto | 1. Why Learning Tech is Important for Kids -- 2. Early Learners -- 3. Getting Started with Block Coding -- 4. Youth Coding Projects -- 5. Five Women in Tech Role Models. |
| Sommario/riassunto | Introduce your children to programming at an early age and see how nurturing their interest can significantly contribute to their future success. This book offers creative, kid-friendly tools and projects to ignite childhood curiosity, all while confronting early-age gender biases in tech and supplementing the lack of creative and diverse tech curriculum in schools. Parents will explore a range of fun technology projects to share with their kids, sorted by difficulty, suitable for pre-K through pre-teen ages. For example, the Squishy Circuits project shows early learners how to connect wires to play dough to make LED lights shine. Meanwhile, the block-coding project encourages kids to drag and drop code blocks to control a robot that they get to build. For more advanced projects, young coders will explore a Raspberry Pi workshop, involving hardware wiring and writing the code that brings their creation to life. The projects are designed so that parents and kids can pick and choose activities based on interest level. For further inspiration, Raising Young Coders wraps up by showcasing interviews with successful women in technology. These role models recount early childhood experiences learning technology with their parents. The stories will motivate kids and parents to engage with technology together, recognizing its pivotal role as a cornerstone for an array of future opportunities. You will: Understand why it is important to inspire |

your kids to want to learn technology. Confront gender biases in the tech industry and discover strategies to foster inclusivity early on. Explore a range of fun and creative projects tailored for various ages and interest levels. Discover the stories of successful women in technology who are relatable role models to help inspire your kids.