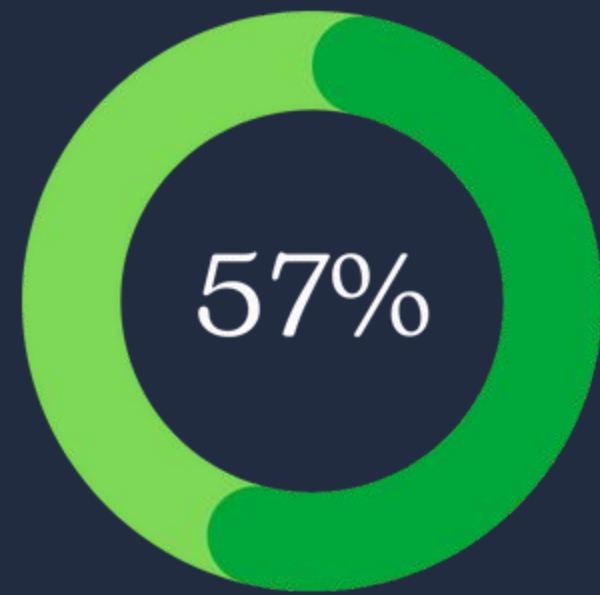


Hands-On, Job-Ready: Integrating **Real-World** Practice for Cyber Workforce **Success**

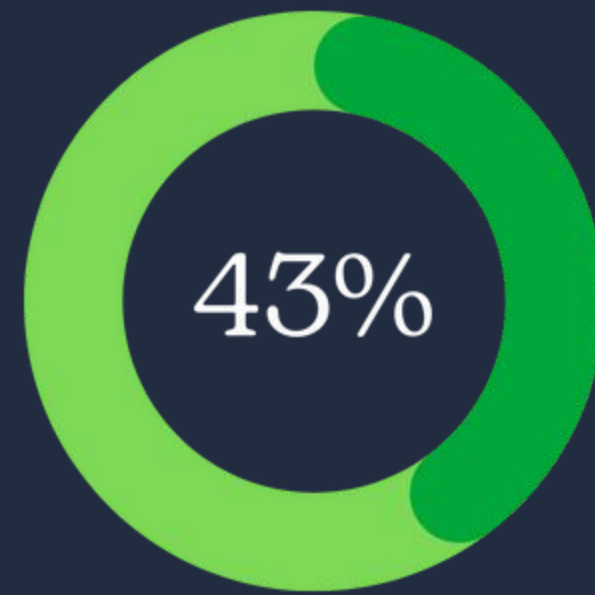
Bridging the Gap Between Cybersecurity Education and Industry

Expectations

Critical Challenges for Cybersecurity Education



Educators Say
Tech-Induced Learner
Frustration is a Top
Concern

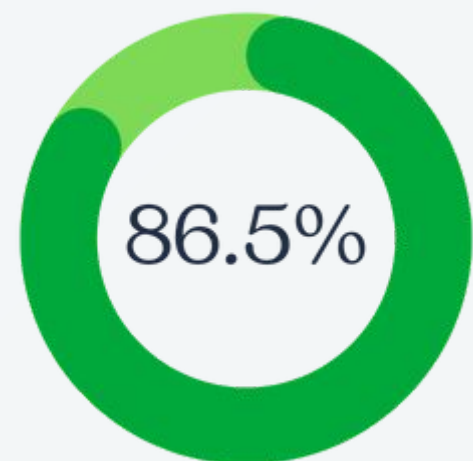


Educators Say Complex
Learner Onboarding is
a Top Concern

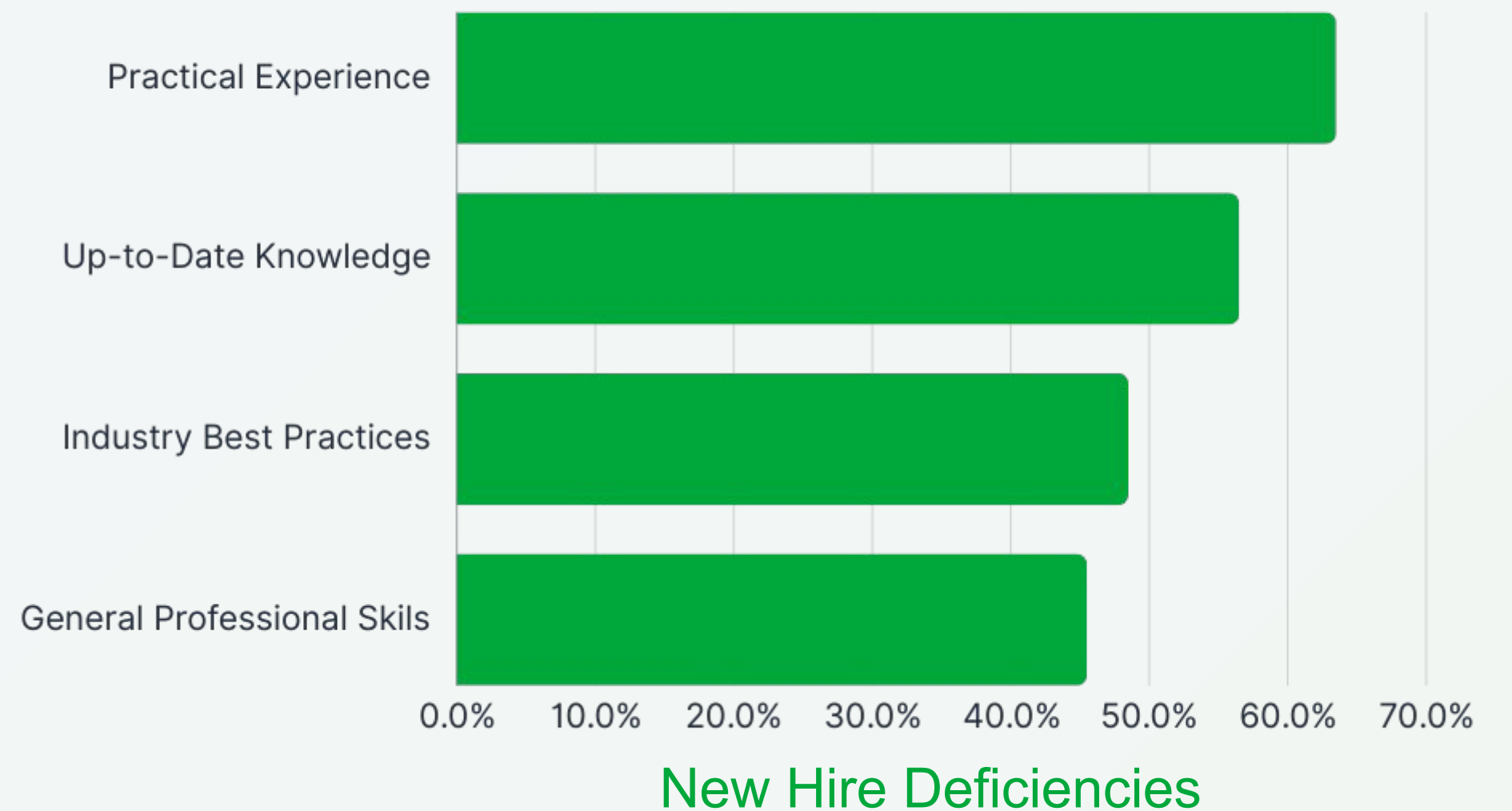
How do employer expectations align with reality?



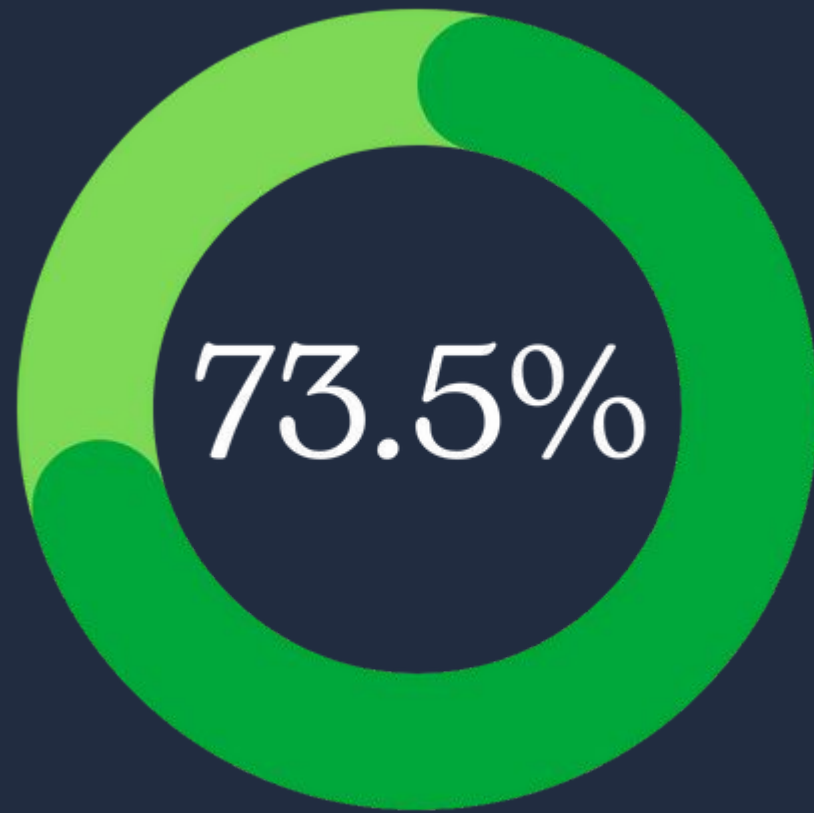
Employers say practical experience is important for newly-hired cybersecurity talent.



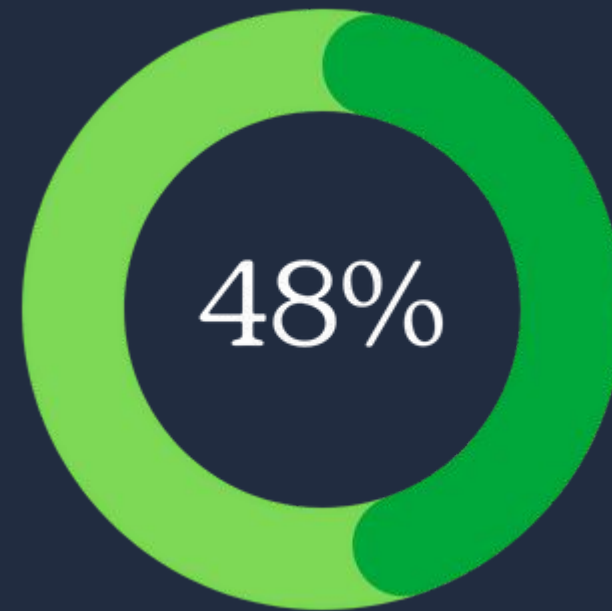
Employers expect entry-level new hires to be immediately ready to work once they start.



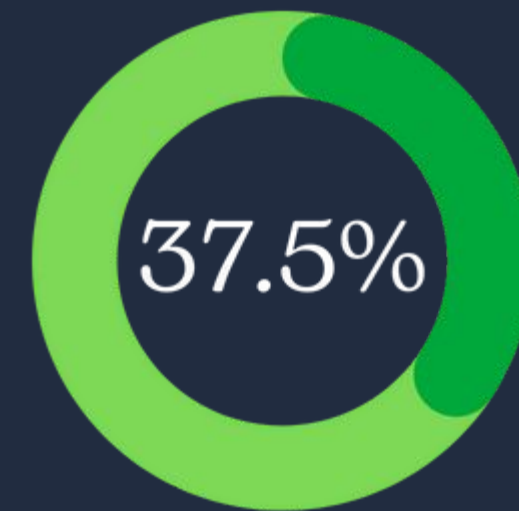
Practical Experience Employers Value Most



Real-World Projects

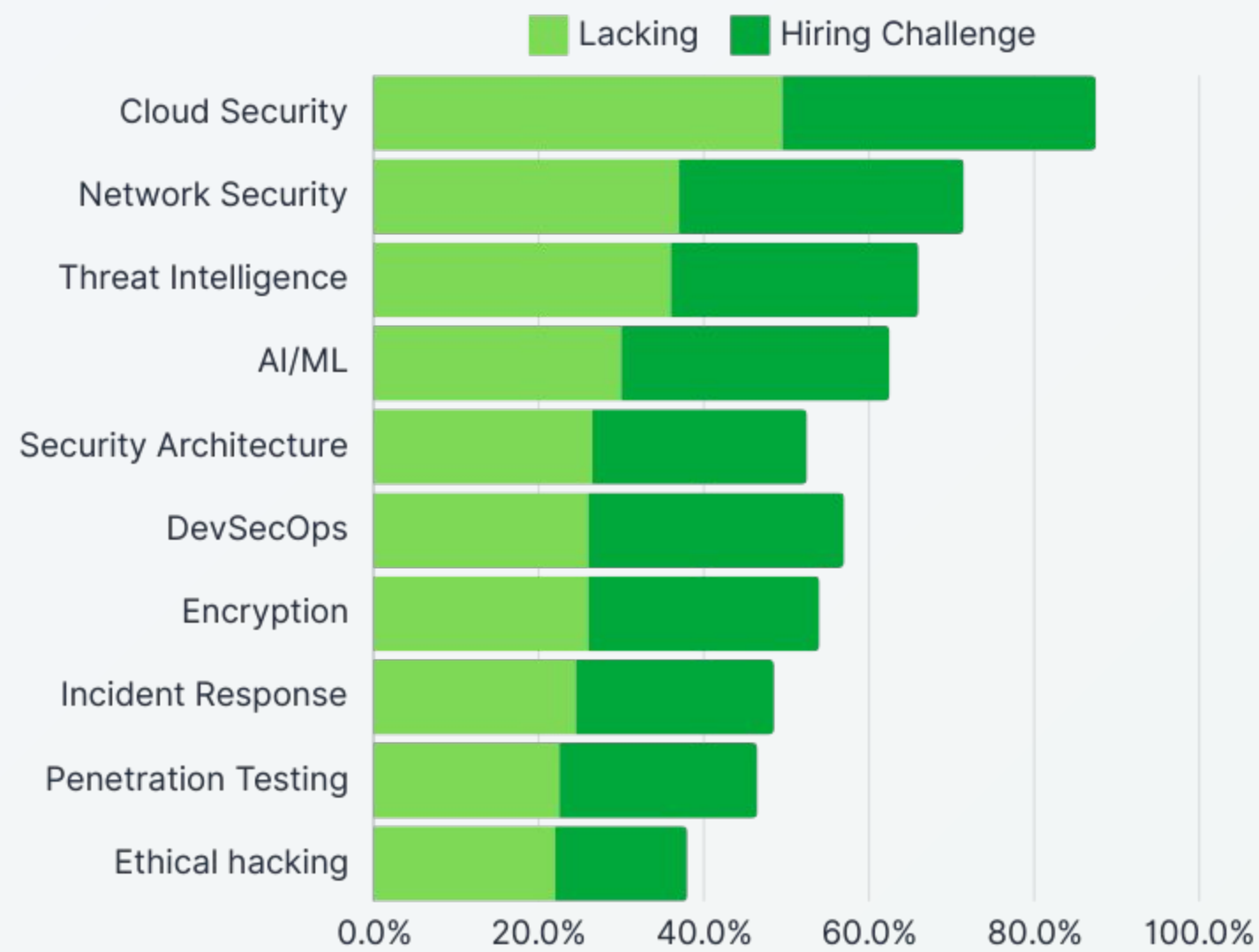


Case Studies

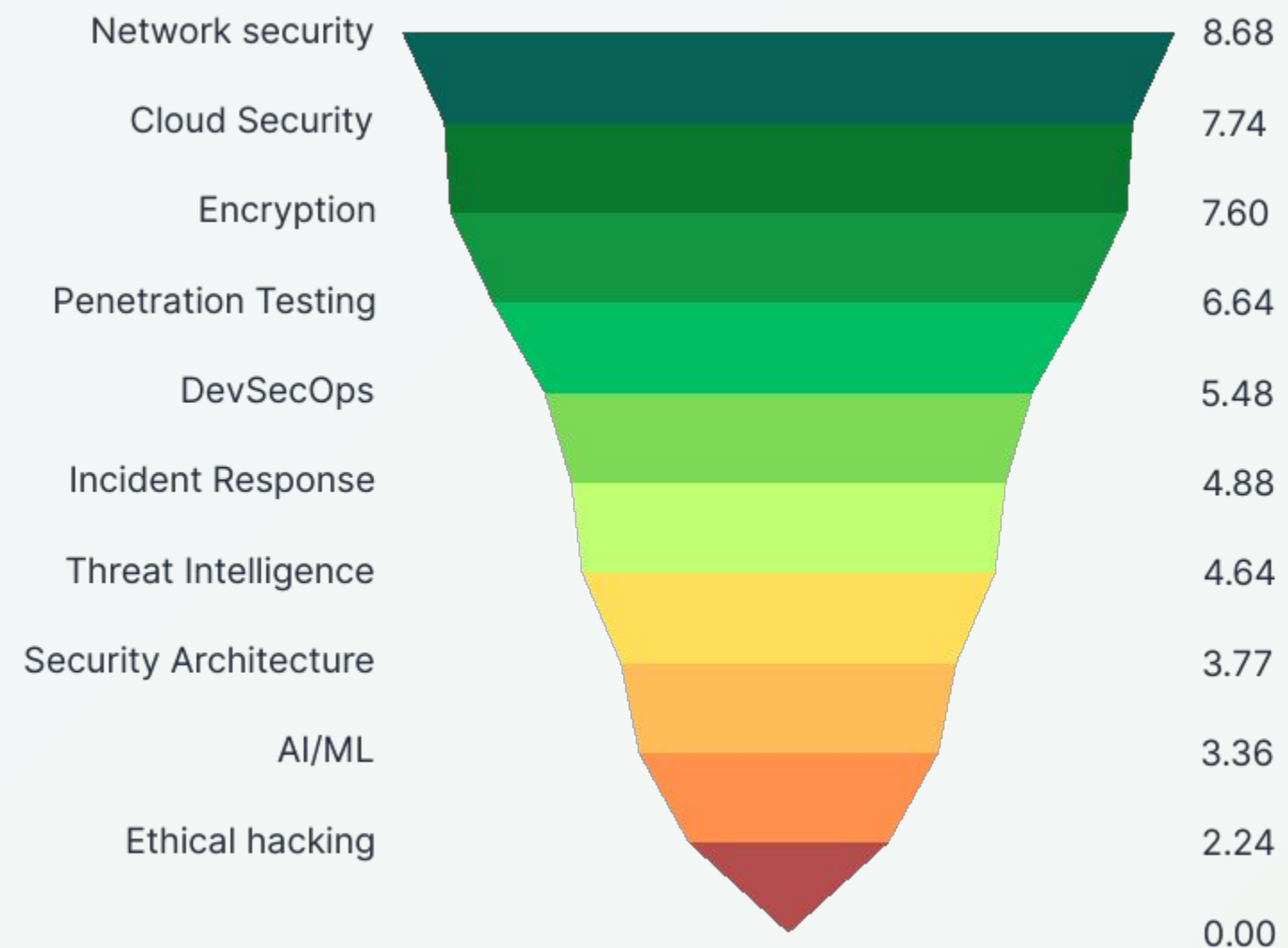


Simulations

Essential Technical Skills to Develop Through Practical Experience



Organizational Technical Skill
Deficiencies and Hiring Challenges

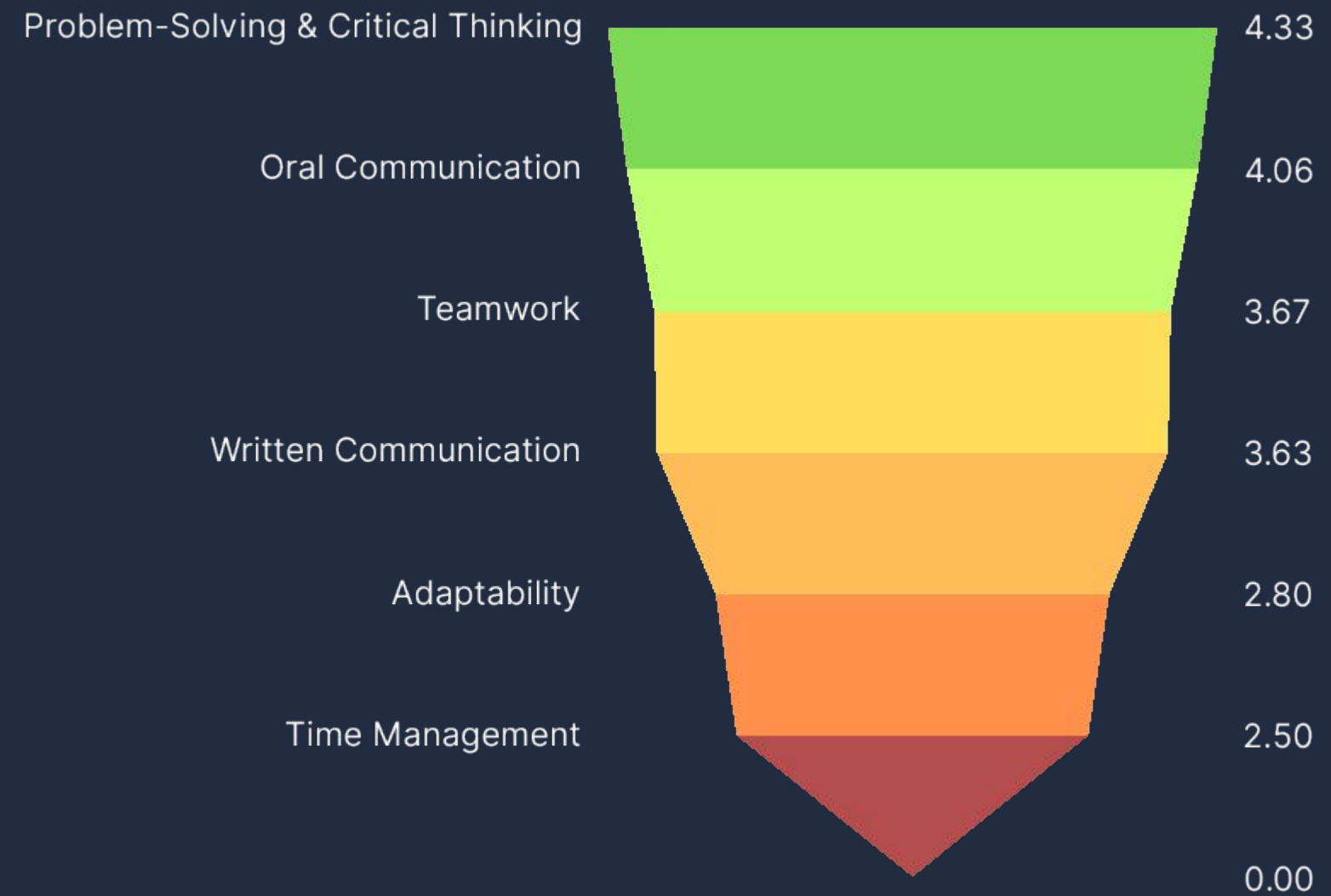


Most Important Technical Skills for
Entry-Level Talent

Complementing Technical Skills with Non-Technical Competencies



Organizational Non-Technical Skill Deficiencies



Most Important Non-Technical Skills for Entry-Level Talent

Recommendations

➔ **Streamline Technical Onboarding**

Align Learning Objectives With Industry Needs

Enhance Hands-On Learning Opportunities

Develop Non-Technical Skills in a Professional Context

Recommendations

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