# Programming Mayhem with Processing and Arduino

By Bryce Bigger

McGraw-Hill Education - Europe, United States, 2013. Paperback. Book Condition: New. 232 x 184 mm. Language: English . Brand New Book. Learn valuable programming and maker skills while have tons of fun building a robotic Arduino-powered sentry gun! Build Your Own Autonomous NERF Blaster lets you work through cool standalone projects--including alarms, motion sensors, remote monitors, and facial detection devices--while building up to the ultimate goal: a full-bore robotic NERF sentry weapon. True to their TAB DNA, all projects in this guide help you to develop impressive hardware construction and software programming skills--including using Processing, one of today s hottest open-source languages--all while having serious fun. Written by a legendary interactive designer/developer whose client list includes the US Navy, Adobe Systems, Oracle, Lockheed Martin, and NIH Perfect for technical hobbyists, tinkerers, makers, DIYers, computer programmers and software engineers, and students Easy-to-follow steps allow even non-techies to acquire and develop valuable skills Step-by-step coverage: Tinkering 101; Case Study: The Adobe Sentinel Project; Getting Started with Arduino; Processing Crash Course; Motion and Facial Detection; Case Study: The MailChimp Feces Flinger; Hacking a Foam Dart Gun; Creating Custom Foam Dart Sentry Guns; Remote Control and System Monitoring; Leveling-Up Projects; Where to Find What...

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