

Build Your Own GPS Time Machine — And Take It Back to Where Time Began

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Join our hands-on GPS/NTP workshop and learn how to build your own **Stratum 1 time server** — a precision-synced clock using real satellite signals to keep your PC, tablet, or phone accurate to within **20 billionths of a second**. With just a few parts and some guided learning, you'll create a GPS-disciplined time reference you can proudly display on your windowsill.

Along the way, you'll uncover the surprising story of how a tragic **1853 train wreck** in Valley Falls, Rhode Island led to the creation of standardized time in America. For those who want to bring it full circle, we'll take an optional field trip to the original crash site — with your working device in hand — and mark the spot where timekeeping history began.

■ Details:

Held in the 4th Floor Conference Room

ABS Information Commons, MMA

1630–1730 on Wednesday, October 8 & 14

Purchase a \$25 kit at the bookstore at least one week in advance

Come build something brilliant — and carry time itself in your pocket.

■ Register for updates at <https://lupton.us/GPSNTP.register.php>