HISTORY OF COMPUTER ARITHMETIC

BY: GRAIG BRIDGEBURNER AND TEA
ANCIENT ORIGINS OF BINARY

- Egypt
- China
- India
GOTTFRIED LEIBNIZ

- Father of Modern Binary System
- Developed the language but didn't know what to do with it
- All that forehead to store 64 bit logic
- Built the stepped reckoner, a binary based mechanical calculator
CHARLES BABBAGE

- The initial Difference Engine prototype finished in 1822.
- Difference Engine No. 2 was begun but abandoned so Babbage could work on his Analytical Engine.
- Leonardo Torres y Quevedo

Difference Engine  Analytical Machine
GEORGE BOOLE

- Father of Boolean algebra
- Some sideburns I guess
CLAUDE SHANNON

- Laid the Foundation of Digital Circuit Design
- Above All an Electrical Engineer
JOHN ATANASOFF

• **He is pointing up with the wrong hand**
• **Created the first electronic digital computer with help from his sad graduate student**
JOHN VON BON JOVI VON BON VON NEUMANN
Inventor of Von Neumann

The Usual Suspect

Architecture
JOHN VON NEUMANN
Inventor of Von Neumann
Architecture

The Usual Suspect
SOURCES

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