

# Resume of Tom Campbell

## Dinkum Software

2011-03-26

### Accomplishments:

- 1997-2011 **Dinkum Software**, client work includes:
  - **Webb Research Corp (Teledyne-Webb Research)**
    - Designed, Implemented, and went to sea with the control software for a **Slocum Glider** (an underwater autonomous vehicle)
    - First AUV to **cross the Atlantic Ocean**
    - **~100K lines embedded "C", ~38K lines shore side Java**
    - Managed up to 5 programmers
  - **Hydroid LLC, Implemented REMUS device drivers (an underwater autonomous vehicle)**
  - **Falmouth Scientific Inc**, Implemented an unattended moored subsea instrument using acoustic/satellite communications
  - **Sippican** (Lockheed Martin) Upgraded 1970's vintage factory test equipment with modern hardware/software
  - **Deep Sea Systems International**, Implemented control software for an underwater remotely operated vehicle .
  - **Falmouth EDIC**. Specified and implemented a Wireless Network in Falmouth Technology Park
  - **Polaroid Corporation**, Developed C++ firmware for a Digital Film Printer, ~10K shipped
- 1995-1997 Co-founder of an Internet Service Provider, **Cape.Com Inc**
- 1989-1995 GC Associates, A two person Software/Hardware Consulting Partnership
  - **Polaroid Corporation**, Developed C firmware for a Digital Film Printer
  - Woods Hole Oceanographic Institute (WHOI), Developed C programs for instrument deployed at sea
  - **Benthos Inc**, Developed C program to control and log data from Acoustic Transponder Deck Unit
  - Delfax, Developed hardware/software disk subsystem to deliver high speed pixel data to experimental printer
- 1986-1989 **Marquest Group Inc. (Imetrix Inc)**
  - Developed hardware/software for an underwater **Electronic Still Camera**
- 1982-1986 **Hughes Aircraft Company**.
  - Image recognition algorithm development and image processing software development.
- 1979-1982 Microft Inc. Founder of four person software/hardware consulting firm
- 1975-1979 **Ocean Research Corporation** . Manager of Computer Systems.
- 1972-1975 Digilab Inc. Digital Design Engineer and Diagnostic Programmer.

### Education:

- 1970-1975 **Massachusetts Institute of Technology (MIT)**. Pursuing a BS in Electrical Engineering (Computer Science)

### Patents:

- Servo and Adaptive Corrector of Print Speed in a Printer
- Application for Flow Calculator with Velocity Curve Fitting Circuit Means

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