

***UCSD Pascal in Education:
A Personal Perspective***

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<http://webfiles.uci.edu/franklin/public/UCSD-Pascal-2004.ppt>

UCSD Pascal at UC Irvine

- **Terak ('78) → MicroEngine ('81) → PC('83)**
- **Alternative to BASIC → Replace BASIC**
- **18 students → 1000 students/year**
- **Dennis Volper**
- **Keller Plan Mastery Learning**
- **A-quizzes, P-quizzes, Booker**
- **Bowles' "Microcomputer: Problem Solving with PASCAL"**

Implementing CAI with UCSD Pascal

- **Alfred Bork, UC Irvine**
Educational Technology Center
- **Great Group of Students and Colleagues**
 - Augusto Chiocariello, Martin Katz, Barry Kurtz, Alastair Milne, Tim Shimeall, David Trowbridge
- **Bertand Ibrahim, Bernard Levrat,**
University of Geneva
- **IBM Scientific Reasoning Series**
- **UCSD Pascal Units: TextPorts,**
GraphPorts, KeyedFiles, AnswerAnalysis

Other Education

- **Apple][**
- **Strings & units**
- **Borland**
- **AP CS Exam**
- **Integrated Computer Systems**
Now: Learning Tree International

Problem Solving with PASCAL

- **Turtle Graphics**
- **Strings**
- **Procedures Early/First**
- **Parameters before variables**
- **QuickSort**

Ken Bowles

Recognizing/Seizing/Creating
“Golden Moments”

Hardware

Software

Education

People

Thank you!

References

- <http://www.ics.uci.edu/~archive/documentation/p-system/p-system.html>
- http://en.wikipedia.org/wiki/UCSD_Pascal
- <http://www.threedee.com/jcm/psystem/>