

## Technical Training: Python Programming Language

Marilyn Davis

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**Objective:** To spread the intelligence, efficiency, and productivity of Python.

### Strengths:

- 20+ years of experience in Software Engineering
- Motivate students to be active, involved, and enthusiastic learners
- Consistently receive excellent evaluations (greater than 4.5 out of 5):
  - “Marilyn is a *great* teacher! Full of energy and knowledge and able to impart it to the class.”
  - “I liked the instructor’s approach to student fatigue and remaining on task.”
  - “Fun course!” “Tons of good code.”
- Articulate clear explanations
- Assign to-the-point lab exercises, with minimal busy-work
- Encourage best engineering practices and Pythonic Thinking
- Get a programmer up and running in Python in the minimal time

### Experience:

PYTHONTRAINER.COM, Mountain View, CA                      Owner/Founder                      2006 – Present

- Deliver high quality Python training classes and training materials
  - **Lawrence Radiation Laboratory**, Livermore, CA
  - **IronPort Systems**, San Bruno, CA
  - **Google**, Mountain View, CA and New York, NY – 10 classes
  - **Caltrans**, Sacramento, CA

LEARNQUEST, Bala Cynwyd, PA                      Python Trainer                      2008 – Present

- **Ultra Electronics Advanced Tactical Systems**, Austin, TX

UC SANTA CRUZ EXTENSION, Cupertino, CA                      Python Instructor                      2005 – Present

- Corporate Training:
  - **VMware**, Cupertino, CA – 4 classes
  - **Altair Engineering**, Mt.View, CA
  - **Nokia**, San Francisco, CA
  - **Cisco**, Milpitas, CA
  - **Northrup Grumman**, San Jose, CA
- Regular University Extension, ongoing classes:
  - Python for Programmers
  - Python for Novices

UC SANTA CRUZ EXTENSION, Cupertino, CA                      C Language Instructor                      1989 – 2005  
C Programming Language, C for Beginners, C Programming for High School Students

### Education:

**Post Doctoral Fellow** Max Planck Institut für Aeronomie, Germany

**PhD** Radio Astronomy, UC San Diego

**MA** Mathematics, University of Denver

**MS** Applied Physics, UC San Diego

**BS** Mathematics, University of Denver