

SARAH J. BOLTON, Ph.D.

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TEACHING PORTFOLIO

- 16 courses taught across programming, systems, algorithms, theory
- Course Director: CS210, CS220, incoming CS380

COURSES

- CS110 — Python programming fundamentals
- CS210 — C programming & memory (Director)
- CS220 — Data Structures & Systems Programming (Director)
- CS380 — Algorithms (incoming Director)
- CS426 — Languages & Machines
- CS405/CyS405 — Colloquium lead

TEACHING DEVELOPMENT

- Dean's Teaching Certificate
- Course Design Institute (2025)
- MTCC Cohort 8

TEACHING PHILOSOPHY

- Framework-based learning
- Retrieval practice
- Operational relevance
- Clear structure and scaffolding