JOSHUA T. GUERIN | Curriculum Vitae

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GitHub • LinkedIn • Facebook

SUMMARY & SKILLS

Computer Science Professor • AI Specialist • Competitive Strongman

SPECIALIZED SKILLS	Answer Set Programming | Knowledge Representation and Reasoning Logic Foundations of AI | Logical & Functional Programming | SAT Solvers
PROGRAMMING LANGUAGE	**Experienced:** C | C++ | Clingo (Answer-Set Dialect) | Haskell | Java | Python **Familiar:** Javascript | Lisp | Matlab | Perl | PHP | Prolog | R | Shell Scripting | SQL
FRAMEWORKS & TOOLS	Docs Generators | Git | Graphviz/DOT Language | LaTeX | Unix CLI

EDUCATION

UNIVERSITY OF KENTUCKY — Lexington, KY
Ph.D., Computer Science — 2012

Dissertation
Graphical Models for Decision Support in Academic Advising.

Relevant Coursework
Algorithm Design | Artificial Intelligence | Bayesian AI
Boolean Functions | Data Mining | Intermediate
Database Systems | Declarative Programming
Programming Languages

M.S., Computer Science — 2010

Graduate Certificate, Cognitive Science — 2009

TRANSYLVANIA UNIVERSITY — Lexington, KY
B.A., Computer Science — 2002-2006
Minor: Psychology

EXPERIENCE

UNIVERSITY OF TENNESSEE AT MARTIN — Martin, TN
Professor	2021-present
Department Chair	2018-2021
Interim Department Chair	2017-2018
Associate Professor	2016-2021
Assistant Professor	2012-2016

UNIVERSITY OF KENTUCKY — Lexington, KY
Research Fellowship — 2012
Lexington Herald-Leader Research Fellowship

TRANSYLVANIA UNIVERSITY — Lexington, KY
Part-Time Instructor — Fall 2011

UNIVERSITY OF KENTUCKY — Lexington, KY
Teaching & Research Assistant — 2007-2011

EXAMPLE COURSES TAUGHT

UNIVERSITY OF TENNESSEE AT MARTIN — 2012-Present

Algorithm Design and Analysis • Artificial Intelligence • Intro to C++
Autonomous Mobile Robotics • Computer Graphics • Data Structures
Discrete Mathematics • Microcontrollers Lab • Object-Oriented Programming
Programming Language Paradigms • Senior Capstone Project/Career Preparation
Theory of Computation • Quantum Programming

EXAMPLE HONORS & AWARDS

UNIVERSITY OF TENNESSEE AT MARTIN — 2012-Present

- UT Alumni Association Outstanding Teaching Award
- College of Engineering and Natural Sciences Ray and Wilma Smith Professorship
- ACM Mid-Southeast Conference, 3rd Place (Undergraduate Award - Faculty Mentor)
  "Using Genetic Algorithms to Approximate Digital Circuits."
- ASEE Zone 1 Conference Professional Paper Award Nominee
  Lessons Learned from Development of a Software Tool to Support Academic Advising."

Additional details of work including a full academic CV are available upon request.