

Edward B. Duffy **PhD Candidate, School of Computing, Clemson University**

Edward Duffy is currently a graduate student in the School of Computing at Clemson University, studying under his advisor Dr. Brian Malloy. His research involves the design and implementation of tools for researchers to better understand programs. Edward's research is funded by the Center for Advanced Engineering Fibers and Films (CAEFF), under NSF Award Number EEC-9731680. Part of his research for CAEFF includes the implementation of a compiler for solving differential equations using the finite element method which has used to model polymeric and liquid crystal materials in their fluid states.



Research interests: Program representation, program comprehension, scientific computing, parallel computing, compiler design, language design, and domain specific languages.

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