

*The College of Computing and the College of Engineering  
are pleased to present a lecture by faculty candidate*



# Leo Ureel

Tuesday, March 24, 2020

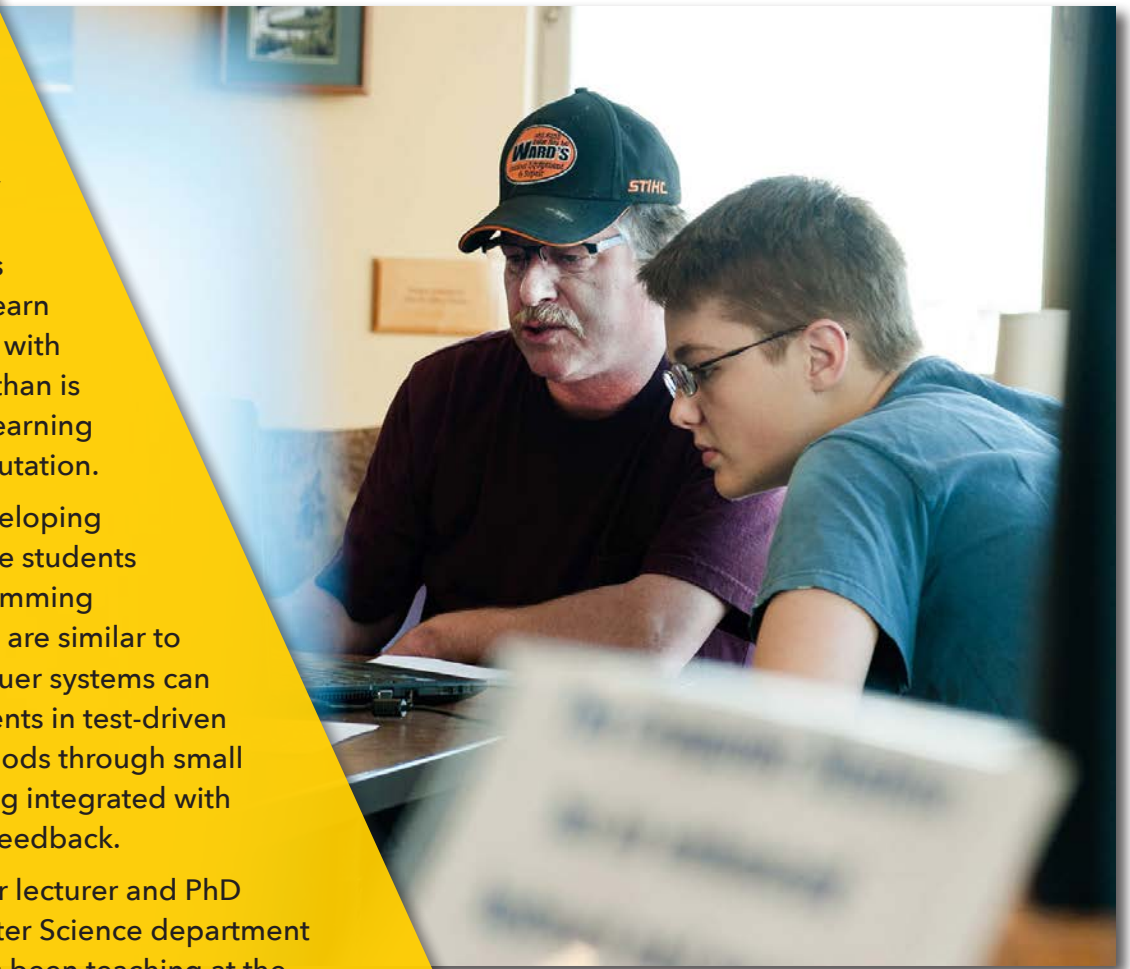
3:00 pm Fisher 325

## Critiquing Student Code by Identifying Novice Anti-patterns

**U**reel's research focuses on a constructionist approach to introductory computer science that leverages code critiquers to motivate students to learn computer programming, with less cognitive overhead than is usually associated with learning programming and computation.

In particular, Ureel is developing tools designed to provide students with feedback on programming assignments in ways that are similar to human instructors. Critiquer systems can be used to engage students in test-driven agile development methods through small cycles of teaching, coding integrated with testing, and immediate feedback.

**Leo C. Ureel II** is a senior lecturer and PhD candidate in the Computer Science department at Michigan Tech. He has been teaching at the college level for 10 years, and he has over 20 years of industry experience in developing software for engineering, artificial intelligence, and education.



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