

Aspiring PI Info:

- Name **Saeid Tizpaz-Niari**
- Position/Title **Assistant Professor of Computer Science**
- Affiliation **University of Texas at El Paso**

<https://tizpaz.github.io/>

Research interests:

- Computational Law
- Accountability
- AI Fairness
- Run-Time Performance
- Privacy and Confidentiality

Current Project(s)

- **Accountable Tax Prep Software**
(**CNS-2230060**)
 - *Legal Compliance*
 - *Taxpayer Perception of Tax Software*
 - *Maintaining Evolving Tax Software*
- **Meta-Functional Debugging of ML Libraries**
(**CCF-2317206**)
 - *Statistical Guarantees in Fuzzing*
 - *Worst-case Performance of ML Algorithms*
 - *Fairness Testing and Debugging*

Project Idea(s):

- Formal Methods in the field of Responsible AI
 - *Legal Concerns*
 - *Ethical Concerns*
 - *Safety Concerns*
- Equity and Accuracy of Socio-Legal Software
- New UG and Graduate Courses
- Impact on Underrepresented Communities
- Students from Minority-Serving Institutions and Research Experiences for K-12 Teachers

... and possible collaborators sought

- *Field: AI, Computational Law, Social Science, ..*
- *Formal Method: Specification, Logic, hyperproperties, ...*

