Nicolas Winsten

nicolaswinsten.com | 520.301.4233 | nicolasd.winsten@gmail.com

Education

University of Arizona

BS Computer Science, summa cum laude

MS Computer Science (GPA 4.0)

Skills

- Scala, Java, Python, C
- JavaScript, Elm, Haskell
- Functional programming and compilers

Employment

University of Arizona, Research Assistant: May 2022 – May 2023

- Research in modeling resource contention in high performance computing

University of Arizona, Tutor: Feb 2019 – Jan 2021

- Tutored university students with learning difficulties in computer science concepts

Fun stuff

P2P Wikipedia Game, https://nicolaswinsten.github.io/racer/

- Peer-to-peer web app for playing the Wikipedia game with others
- Incorporates visualization of player paths and an AI pathfinder
- Built with Elm, a pure functional programming language

Nemanodes, NicolasWinsten/NemaNodes (github.com)

- Team project
- In-browser simulation of NEAT algorithm built with Javascript
- A petri dish of creatures that evolve neural networks

Comparative Force Layout Algorithms, NicolasWinsten/forceg (github.com)

- In-browser tool to visually compare graph layout algorithms
- Built with d3.js