## Ethan J. Fast

RISELACE SYSTEMATE

My interests center upon the application of techniques from 8.2 and adaptive computation to software regimentar.

Descurer

The University of Virginia

I arrive a re-

- B.A. Computer Science, 2011 (expected) - GPS 3.7
- Edula Scholer
- Interpolate States, Daniel Lin
- Internediate Stone James Walters SN, 2007

ROBLINGS TOPERSTORE Antomatic Program Repair using Grantic Algorithms

 With Westey Weisser, Chair In George, and Stephanin Factors, I investigated a new program crossis Drawn Section by using directors professors. We discuss

- strated significant improvements in Stores distance constation, and smoother colorina of equates — With Wester Weissen. I developed a new gragatum repair Stores heartien using
  - With Westley Weissen, I developed a new program expantitions hearing conventues pursue ring test units collaction. The technique boson sepair costs W.S., foing programs with hundreds of test cases. In these eliminates a key performance bettlemeds, while allowing for adultional conventues guarantees.

Tharmest Francisco CROSS, From Quarters Computing to the World Wall: Well, Edd 2009.

 An a TA for Perform Devid Dram, my regrandultive included, previding guidance for student peribbas sets, beliging to conduct mean review sensions, and participating in the development of course material for the students' final project.

Annese

2014 Click Outstanding Undergraduate Femanick Associal Honoralds Westign

Purcea

Ethan Fast, Westby Weimer, Claire Le Green, Neufanie Burrett, Westpring better fitnes Jacobian Ja: automobil program rapio," (In solutionies: The Green's and Embasissury Computation Conference, 2001)

PROSECTA/TOOLS

us. Counted the Gujow Somework, 2009.

- As upon masse teel for quiddy developing practic algorithms in Chipse Grand Chapter, 2009.
  - As experimental open source Magging platform, written in Christe.

Work Expression Instructor for Fairfay Collegians, 2008.

- Totalis Educios Engineering and Introduction to Robotics

Web Chrodiago

- V.Vs. School of Engineering and Applied Science, 2007-2008.