Elben Shira

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Education

B.S. & M.S. Computer Science — May 2012
The University of Texas at Austin
Phi Beta Kappa
Cumulative GPA: 3.93/4.0

Skills

Python, Ruby (on Rails), C/C++, Java
Linux

Experience

Web Developer Intern — Fall 2010 - present
RxDonate, Austin, TX

Software Engineer Intern — Summer 2010
Bazaarvoice, Austin, TX
◇ Designed and developed a Google Web Toolkit web application to moderate user-generated content (reviews, questions, etc).
◇ Researched ways of Facebook Insights API into Bazaarvoice's client tools.

Software Engineer Intern — December 2009 - March 2010
Turn2Live, Austin, TX

Undergraduate Researcher — Summer 2008, Fall 2009
Department of Computer Sciences, The University of Texas at Austin
◇ Designed and implemented a navigation system for autonomous vehicles.
◇ Merged simulated and real autonomous vehicles in the Autonomous Intersection Management project.

Software Engineer Intern — Summer 2009
National Instruments, Austin, TX
◇ Developed and shipped robotics search algorithm for LabVIEW Robotics.
◇ Led code and project reviews; authored and defended proposals.

Software Engineer Volunteer — Summer 2009 - present
Austin Stone Community Church, Austin, TX
◇ Co-developed Iron Tools, an open source project for transferring live HD video via internet for remote live viewing.

Mentor (Freshmen Research Initiative) — Spring 2009
Department of Computer Sciences, The University of Texas at Austin
◇ Mentored students in autonomous vehicles research.
◇ Taught C++ and Linux workshops.

Open Source Projects

Kapal Path-Planning Library - Algorithms research and robotic navigation toolkit.
Coco's Fun Coconut Run - Educational math game for primary school students.

Awards & Honors

Tracor-McBee Computer Science Scholarship ◇ Lockheed Martin Award for Excellence in Computer Sciences Research ◇ Lockheed Martin Computer Science Scholarship ◇ Freshmen Research Initiative Research Fellowship ◇ University Honors (received every semester)