Noam Rubin

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github.com/nrubin

Education

Olin College of Engineering
    Candidate for BS in Electrical and Computer Engineering
    GPA 3.64
Selected Courses
    Human Factors and Interface Design   User Oriented Collaborative Design
    Computational Modeling   Computer Architecture
    Robotics III   Software Design

Employment

Microsoft Office: Word
  Intern in Program Management. Summer 2013
    Designed a modern multi-platform citation and bibliography experience. Worked with my team, internal partners, and outside
    users to refine the user experience. Participated in three user studies.
Microsoft Windows: Developer Experience
  Intern in Program Management. Summer 2012
    Worked with a developer to create a Windows 8 App Quality Scorecard. Convinced several crews across the Windows team to
    fund the Scorecard feature. Designed a re-usable, extensible scorecard structure to minimize code maintenance.
SoftArtisans
  Intern in Technical Services and Information Technology. Summer 2011
    Developed data-driven Business Intelligence reports for upper management. Created complex SQL queries, mashing data from
    several databases

Projects

School
  TripAdvisor SCOPE
    Project manager for the TripAdvisor-sponsored Senior Capstone team at Olin College. Building a solution to help TripAdvisor
    utilize restaurant listings to give travelers more fulfilling experiences.
  Fit-Log
    A project aimed at designing and prototyping a mobile app for personal trainers. Worked in a team of four interviewing users,
    designing the app, and implementing a mostly functional prototype as a web app with a Python backend.
  Lego 3D Printer
    Worked on a team of four to design and fabricate a 3-axis CNC device capable of accepting a design from a LEGO CAD program
    and assembling the structure. Worked on hardware interface code and electrical subsystem.
Side Projects
  Txt2HelpMe/Txt2FeedMe
    A no-UI web app platform that utilizes text messaging to inform and automate activities around Olin. Currently functionality
    includes texting to email lists in order to request rides and requesting dining hall menus for specific days and times.

Activities & Skills

Teaching Assistant
  Olin College. September 2011 – January 2013.
    Served as a teacher's assistant for an introductory electrical engineering course. Spear-headed a curriculum re-write while holding
    lessons, administering lab hours and grading work.
Research Assistant
  Wellesley College. September 2012 – May 2013.
    Worked with Wellesley design faculty on integrated Kinect sensors into a tabletop user interface. Forked and contributed to open-
    source computer vision project for hand and finger detection. Attended the ACM 2012 conference in Cambridge, MA.
Tutoring
  Robotics and programming. January 2012 – Present.
    Tutoring an elementary school student on topics ranging from programming LEGO Mindstorm robots to writing basic Python
    scripts. An opportunity to both pass on knowledge gained and to sharpen understanding of even basic concepts.
I've coded in
    Python, HTML/Javascript/CSS, C, MATLAB, SQL, LabView, Verilog