

Objective

To acquire a summer internship in fields relating to hardware, embedded systems, programming, and robotics to further my passion for building cool devices and learning how things work.

Education

Rutgers University, School of Engineering, New Brunswick, NJ
BS in Electrical & Computer Engineering, Minor: Entrepreneurship

Class of 201
GPA: 3.0

Awards and Achievements

- ◆ Intelligent Ground Vehicle Competition, Rochester, MI (2011)
- ◆ University of Rochester Xerox Award for “Innovation & Information Technology” (2008)

Skills/knowledge

- ◆ Code experience (C, C++, Python, Java, Verilog, x86 Assembly, PHP, MySQL, MATLAB, Maple)
- ◆ Windows, Linux, Mac OS
- ◆ Embedded Systems (Arduino, MSP430)
- ◆ Robotics (IGVC, Line Follower)
- ◆ PCB production (Eagle CAD, PSpice, Multisim)
- ◆ Knowledge of Hebrew – basic and Spanish – basic

Code and Projects

- ◆ Online code / circuit board portfolio - <http://www.github.com/erosen>
- ◆ Blog of current projects and experiences - <http://www.mylifeiscomputers.net>

Extracurricular Activities

- ◆ IEEE Robotics – Vice President and National Member (2009 – Present)
- ◆ Rutgers University Student Linux User Group (2009 – Present)
- ◆ Rutgers Entrepreneurial Society (2010 – Present)
- ◆ Engineering Governing Council – Webmaster (2010 – 2011)

Work Experience**Rice McVane Communications – Microsoft Campus Representative**

- ◆ Market Microsoft software and products to students on campus
- ◆ Acquire and compile comprehensive marketing research for Microsoft

2011 – Present

Rutgers University – School of Engineering – Webmaster

- ◆ Web development including custom web pages for departments, graduate programs, and professors along with various designs actively used across 15+ Rutgers websites

2009 – Present

Pool Management Inc. – Pool Operator and Lifeguard

- ◆ Maintain chemical balance of pool water and prepare pools for summer
- ◆ Ensure the safety and rule compliance of pool patrons

2007 – 2009

Freelance Web Design

- ◆ 30+ clients including the Mayor and several Common Council members of The City of White Plains, NY. Online portfolio - <http://www.trickedcomputers.net>

2006 – Present

Volunteer and Community Service

- ◆ Presented information about the School of Engineering to parents and guests at Rutgers Day (2010, 2011)
- ◆ Taught a one day class on “How to Solder, Construct and Program a Line Following Robot” (2010)
- ◆ Designed website for Meals-on-Wheels of White Plains – <http://www.mowwp.org> (2009 – 2010)
- ◆ Collected goods and raised money for “Operation Support our Troops” (2009)