

DAVID ROZENBERG

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PROJECTS:

WaggingTails - Ruby on Rails and Backbone.js

[Git](#) | [Link](#)

A platform for dog owners to find playmates for their dogs, modeled as a dating site for pets

- Enables preference-based searching of users, user messaging, and logging of profile visitors
- Uploads user profile pictures to Amazon S3
- Allows log-in with Facebook using OAuth integration

Asteroids- Javascript

[Git](#) | [Link](#)

Classic game rebuilt for the browser using Javascript Object Oriented Design and HTML Canvas

SKILLS:

Ruby on Rails • Backbone.js • Node.js • JavaScript • jQuery • SQL • Git • HTML5 • CSS3 • C++ • Solidworks

EXPERIENCE:

Roboteam Ltd

Tel Aviv, Israel

Engineering Intern, MTGR (Micro Tactical Ground Robot) Team

Oct 2013 – March 2014

- Assembled, tested, performed troubleshooting on MTGR Manipulator Arms to meet 100-unit delivery for US Army.
- Performed testing and design for new GPS-unit placement improving GPS accuracy by 30%.

Department of Defense, Electronic Systems Center, Air Force

Hanscom Air Force Base, MA

Electronics Engineer, ESC/HNAA Airborne Networking Division

July 2009 – July 2014

- Engineer on TACPod program, an airborne communications suite. Generated Technical Requirements for TACPod follow-on program, evaluated engineering proposals, led contract negotiations saving >\$500K.
- Co-led effort to establish ESC Innovation Challenge, an innovative approach for Air Force acquisition. Secured \$700,000 in funding, coordinated team selection, developed Challenge timeline and deliverables.

Air Force Research Lab (AFRL) Commander's Challenge, Air Force

Eglin Air Force Base, FL

Engineering Lead, Team Eglin AFB

April 2010 – Sept 2010

- Engineering lead on 8-person team that built AFRL competition-winning perimeter surveillance system.
 - Developed Python/Google Earth based application for the analysis of ground-radar data.
 - Worked with New Mexico National Guard to test radar and software package. Ruggedized system components for support border operations.
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EDUCATION:

Boston University, College of Engineering

Boston, MA, May 2009

Bachelors of Science in Biomedical Engineering, G.P.A: 3.56, Cum Laude

ASSOCIATIONS & AWARDS:

Electronic Systems Center Outstanding Junior Civilian Engineer

2011

Outstanding Achievement Medal – Maj. Gen. Pawlikowski, Commander AFRL

2010

Senior Project – 1st Place – designed and built LED-based optical biosensor for disease detection

2009