

Benjamin Aronson

29 Westwood Rd. North Falmouth, MA 02556 – USA

baronson@terpmail.umd.edu

413-478-2195

Experience

Summer Intern

Teledyne Benthos

June 2016 – August 2016

- Assisted in problem solving analysis of equipment, workstations and systems.
- Created and implemented data retrieval system.
- Cooperated with the team in implementing new technology initiatives, standards and major changes or upgrades to production environments.

Webmaster - <http://umdclubrunning.com/>

University of Maryland Club Running

December 2015 – Present

- Designed and developed the look and feel of the website.
- Monitored and maintained the websites and web related database systems of the company.
- Rebuilt the site to a modern, sleek that includes mobile support.

Projects

- Simple UNIX Shell (C) – built a shell that supported Boolean operations, file redirection and piping.
- Multiset (bag) creation (C) – Implemented functions to create, add to, remove from, and clear a bag using dynamic memory allocation
- WordNet implementation with directed acyclic graphing (Ruby)– Constructed a full size WordNet implementation by using regular expressions and the Ruby Hash class
- Small C Parser (OCaml) – Used context free grammar to parse a subset of C into an abstract syntax tree

Technical Skills

Intermediate to Proficient knowledge with: JavaScript, HTML, Python, Java, C#, C, Ruby, UNIX / Linux based systems, Microsoft Excel, JavaScript

Beginner knowledge of: PHP, OCaml, Prolog, Visual Basic, .NET Framework

Education

University of Maryland – College Park

Expected graduation: May 2018

- Candidate for Bachelors of Science in Computer Science
- Sustainability Studies Minor

Involvement

- WMUC Radio DJ – host radio show playing music and discussing philosophy
- University of Maryland Visitor Center – managed school and working 6-10 hours a week during the semester helping visitors and answering phone calls