

Michael Recachinas

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EXPERIENCE

Software Engineer

Axios, Inc., Dulles, VA

July 2014 - Present

Teaching Assistant

University of Virginia, Charlottesville, VA

January - May 2014

- » Instructed labs, graded homework and exams, held recitation and office hours
- » Courses: Data Structures, Computer Graphics, Graduate Microwave Engineering & Lab

Web Developer Intern

WillowTree Apps, Charlottesville, VA

Winter 2014

- » Rewrote an open source library for Backbone.js and Marionette.js
- » Built IRC bots that aided with internal task automation (included sentiment analyzer)

Program Manager Intern

Scitor Corporation, Chantilly, VA

Summer 2013

- » Developed risk reduction package for multi-million dollar next-generation memory unit for a National Reconnaissance Office satellite
- » Built an iPad application similar to Google Earth

Lead Web Developer

GroundsForArgument.org, Charlottesville, VA

October 2012 - May 2014

- » Developed progress monitoring system and forums for students and teachers
- » Reduced page load by 1.7 seconds on average

PROJECTS

BeerToCats

University of Virginia, Charlottesville, VA

March 2014

- » Implemented HOG feature detection and trained a support vector machine (SVM) classifier in Python to detect solo cups, ultimately covering them up with a random image

COOL Compiler

University of Virginia, Charlottesville, VA

Spring 2014

- » Built a lexer, parser, semantic analyzer, interpreter, x86-64 compiler, and optimizer for an object-oriented language using primarily OCaml

EDUCATION

University of Virginia

M.S. in Electrical Engineering Candidate

Expected May, 2015

GPA: 3.8

University of Virginia

B.S. in Electrical Engineering, Computer Science, Physics; Minor in Applied Math

Graduated May, 2014

GPA: 3.2

SKILLS

Web: HTML5, CSS3/SASS, jQuery, responsive layouts, front-end applications, Node.js, Flask

Experienced With: git, vim, testing, deployment, salting all the passwords

Programming Languages: Python, JavaScript, C/C++, OCaml, Obj-C, Rust, Java, Processing, PHP

Software: Cadence Virtuoso, Visual Studio, iRise, LTSpice, MATLAB, Mathematica, Microwave Office

Other: Broad UI and Typography knowledge