

Michael Recachinas

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EXPERIENCE

Software Engineer

July 2014 - Present

Axios, Inc., Dulles, VA

- » Taught a class on functional programming concepts to the interns and other software engineers

Teaching Assistant

January - May 2014

University of Virginia, Charlottesville, VA

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

Web Developer Intern

Winter 2014

WillowTree Apps, Charlottesville, VA

- » Rewrote an open source library for Backbone.js and Marionette.js
- » Built Mixin pattern into Backbone.js implemented in several client applications
- » Built IRC bots that aided with internal task automation (included sentiment analyzer)

Program Manager Intern

Summer 2013

Scitor Corporation, Chantilly, VA

- » Developed risk reduction package for multi-million dollar next-gen memory on an NRO satellite
- » Built an iPad application similar to Google Earth

Lead Web Developer

October 2012 - May 2014

GroundsForArgument.org, Charlottesville, VA

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

PROJECTS

BeerToCats

March 2014

University of Virginia, Charlottesville, VA

- » 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

Spring 2014

University of Virginia, Charlottesville, VA

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

EDUCATION

University of Virginia

Expected May, 2015

M.S. in Electrical Engineering Candidate

GPA: 3.8

University of Virginia

Graduated May, 2014

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

GPA: 3.2

SKILLS

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

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

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

Other: Broad UI and Typography knowledge