

BENJAMIN GRAWI

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OBJECTIVE

Seeking a co-op/internship opportunity for the spring of 2016, anywhere in the US.

EDUCATION

Rochester Institute of Technology

Software Engineering (BS) 2017 (*Expected*)

- 3.8 GPA, 4.0 Major GPA

SUNY Orange

Dual-Enrolled while in H.S., earned 32 credits.

COURSEWORK

- Computer Science I & II
- Intro to CS Theory
- Engineering of Software Subsystems*
- SW Process and Project Management*
- Calculus A, B, C & Applied Statistics*

* To be completed before summer 2015

SKILLS

Proficient In

- JavaScript, TypeScript
- HTML5, CSS3/LESS
- PHP
- UI Design
- MySQL, PostgreSQL
- AngularJS, jQuery, etc.

Familiar With

- Python
- Java
- Node.js
- Git (and GitHub)
- Project Management
- C

Some Experience With

- Apache
- Graphic Design
- C#
- Bash/Linux Shell
- Unit testing
- MongoDB/NoSQL

PROJECTS

JSFLAP, a web-based finite state machine designer and simulator - bgrawi.com/jsflap

- Learned D3.js, TypeScript, and Foundation to create a more user-friendly "JFLAP" replacement.

GreenTeamHV, Responsive, Single-Page Real Estate Search Engine/Web Application - greenteamhv.com

- Designed and developed a full-stack web application with custom PHP MVC framework

- Created a Google Calendar/Contact Syncing System for SugarCRM in PHP

- Designed a complete modern user interface complete with custom client-side routing in JavaScript

Commit Guru, a commit analyzing system, a research project with Dr. Emad Shihab - commit.guru

- Created a Node.js web application (Sails.js/Socket.io/Angular.js) that displays bug-inducing commits

CSH "ScheduleMaker" Redesign - schedule.csh.rit.edu

- Redesigned the frontend of a popular RIT schedule creation tool with Angular.js, Bootstrap, and more.

Bryx 911 Web, a control panel and analytics viewer for the suite of Bryx 911 apps - bryx.com

- Wrote a Google Maps data visualizer, user management system, live-updating web application for first responders and dispatchers so that they can view and respond to 911 alerts as they happen.

EXPERIENCE

Bryx, Inc. | Rochester, NY

April 2014 – Present

- Completely re-wrote and re-designed bryx.com in Angular.js, Bootstrap; collaboration on API design

The Green Team Home Selling System | Warwick, NY

February 2011 – Present

- Created GreenTeamHV.com (see above), managed a small team with project management tools, conducted phone/video interviews, launched and deployed site to 1000's, and is currently maintained.

Blue Buckle Marketing | Chester, NY

April – July 2011

- Contracted to create public-facing websites for local companies including some SEO/marketing work.

Onion House Productions (self-owned freelance business) | Florida, NY

2008 – 2010

- Produced various websites, contacted and negotiated with clients, deployed and maintained sites.

ACTIVITIES

- Eagle Scout and Assistant Scoutmaster.
- Independent Study with Prof. Shihab freshman year working on mining

- software repositories and a web service to display levels of bug-introducing commits.
- Computer Science House member at RIT.