

# BENJAMIN GRAWI

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## EDUCATION

Rochester Institute of Technology

Software Engineering (BS) 2018 (*Expected*)

- 3.85 Cumulative 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 & Applied Statistics

## SKILLS

### Proficient In

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

### Familiar With

- C#
- ASP.net MVC
- Java
- Node.js
- Git (and GitHub)
- Python

### Some Experience With

- C
- Apache
- Bash/Linux Shell
- Unit testing
- MongoDB/NoSQL
- Project Management

## PROJECTS

**JSFLAP**, a web-based finite state machine designer and simulator - [jsflap.com](http://jsflap.com)

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

**CSH "ScheduleMaker" Redesign** - [schedule.csh.rit.edu](http://schedule.csh.rit.edu)

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

**Commit Guru**, a commit analyzing system, a research project with Dr. Emad Shihab - [commit.guru](http://commit.guru)

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

## EXPERIENCE

**Microsoft | Bellevue, WA**

May 2015 – August 2015

- Designed and implemented two ASP.net "WebAPI" services utilizing several Azure services on the Dynamics CRM team as a *Software Engineering Intern*.

**Bryx, Inc. | Rochester, NY**

April 2014 – Present

- Wrote a Leaflet.JS map 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.

- Worked on their website with Angular.js, Bootstrap; including collaboration on API design.

**The Green Team Home Selling System | Warwick, NY**

February 2011 – Present

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

- 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

**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.

## LEADERSHIP/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; co-authored published paper/demo for the ESEC/FSE 2015 conference.

- Computer Science House member at RIT.