

# SAMUEL SWANKE

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## EDUCATION

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### University of Vermont

Bachelor of Science in Computer Science  
Minor in Mathematics

*Expected May 2017*

## EXPERIENCE

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### University of Vermont, College of Engineering

*Web Developer*

September 2014 - Present

*Burlington, VT*

- Created a site agnostic, multithreaded Python web crawler to check our site for links to the sandbox, 404 links, spelling errors, and automatically post results to BaseCamp and Slack, saving hours of testing
- Programmed a weather app using ReactJS and the OpenWeather API, allowing students to see weather data on their way to class
- Develop webpages using HTML, CSS, JavaScript and PHP

### Intersil Corporation

*Web Development Engineering Intern*

May 2015 - August 2015

*Palm Bay, FL*

- Tested and developed features in Infowise for a major SharePoint deployment, collaborating with external consultants
- Reduced product development time by creating centralized cloud storage in SharePoint, leading to increased productivity in engineers
- Developed responsive web pages in Adobe CQ, using HTML, JavaScript, Bootstrap and CSS
- Redesigned Google Search Appliance XSLT using modern web standards to work in a responsive page, completely overhauling the output of the page

## PROFESSIONAL DEVELOPMENT

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### Cosechando Felicidad Inc

*Full Stack Developer*

August 2015 - Present

*Williston, VT*

- Sole Developer for Harvestinghappiness.org, a website dedicated to help feed the elderly in Guatemala
- Designed and developed responsive pages in Git using Bootstrap and HTML, hosted on Github Pages
- Spent 2 weeks in Guatemala volunteering, building stoves and laying cement floors

### Tufts University Hackathon

*Team Member*

October 2014

*Medford, MA*

- Worked in a team of four to create a game of Snake on city streets using the Google Maps API
- Project was written entirely in JavaScript

## TECHNICAL STRENGTHS

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### Programming Languages

JavaScript, Python, Java, C#, PHP

### Protocols & APIs

JSON, XML, Google API, Basecamp API, OpenWeather API

### Tools

Github, Photoshop, Adobe CQ, Google Search Appliance

### Websites

cems.uvm.edu, search.intersil.com (still in development),  
harvestinghappiness.org