

SAMUEL SWANKE

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EXPERIENCE

Dealer.com

Software Engineer

Jul 2017 - Present

Burlington, VT

- Created logic to prevent and identify cycles in a large directed graph
- Lead development of maintainable front-end applications with React & Webpack
- Educated team by giving talks on React as the front-end specialist
- Used Terraform to replicate on premise applications and databases into AWS

Software Engineering Intern

May 2016 - May 2017

- Maintained & enhanced existing Java & Angular applications
- Mentored by team members, learned good engineering practices

Cosechando Felicidad Inc

Front-end Developer

Aug 2015 - Present

Williston, VT

- Sole Developer for Harvestinghappiness.org, a non-profit which helps feed the elderly in Guatemala
- Developed responsive pages using Bootstrap, HTML and JavaScript, hosted on Github Pages
- Volunteered 4 weeks in Guatemala, building stoves, laying cement floors, and helping the non-profit

Intersil Corporation

Web Development Intern

May 2015 - Aug 2015

Palm Bay, FL

- Redesigned legacy Google Search Appliance XSLT using modern web standards
- Developed responsive web pages in HTML, JavaScript, Bootstrap and CSS

University of Vermont, College of Engineering

Web Developer

Oct 2014 - May 2016

Burlington, VT

- Enabled automated QA by writing a multithreaded Python web crawler which posts to Slack
- Created a weather web app using React and the OpenWeather API to display current weather
- Developed web pages using HTML, CSS, JavaScript and PHP

Tufts University Hackathon

Team Member

Oct 2014

Medford, MA

- Worked in a team of four to create a game of Snake on city streets using the Google Maps API

EDUCATION

University of Vermont

Bachelor of Science in Computer Science

Minor in Mathematics

May 2017

TECHNICAL STRENGTHS

Programming Languages

Java, JavaScript, Python, C/C++, PHP

Frameworks

React, Terraform, Spring, Angular

Databases

MySQL, DynamoDB, OracleSQL, MongoDB