SAMUEL SWANKE

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EXPERIENCE

CALA   Aug 2018 - Present
Full-Stack Software Engineer   New York, NY

· Engineer #2, helped grow the team to 4 engineers
· Designed and implemented large scaleable systems in TypeScript with NodeJS, React & Redux
· Built and architected realtime collaborative design tool using WebSockets and PIXI.js
· Created industry leading fashion production timeline tracking & management software

Dealer.com   Jul 2017 - Aug 2018
Software Engineer   Burlington, VT

· Created graph traversal library to canonicalize messy user data
· Led development of maintainable front-end applications with React & Webpack
· Migrated on-premise applications and databases into AWS using Terraform
· Educated team by giving talks on React as the front-end specialist

Software Engineering Intern   May 2016 - May 2017
· Maintained & enhanced existing Java & Angular applications
· Mentored by team members in peer reviewing code, continuous integration & unit testing

Cosechando Felicidad Inc   Aug 2015 - Present
Front-end Developer   Williston, VT
· Sole Developer for Harvestinghappiness.org, a non-profit operating Guatemala
· Developed website using Bootstrap, HTML and JavaScript, hosted on Github Pages
· Volunteered 4 weeks in Guatemala, building stoves, delivering medicine, and helping the non-profit

Intersil Corporation   Summer 2015
Web Development Intern   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   Oct 2014 - May 2016
Web Developer   Burlington, VT
· Enabled automated QA by writing a multithreaded Python web crawler integrated with Slack
· Created a weather web app using React and the OpenWeather API to display current weather

EDUCATION

University of Vermont   May 2017
Bachelor of Science in Computer Science
Minor in Mathematics

TECHNICAL STRENGTHS

Programming Languages	JavaScript, Java, Python, C/C++, PHP
Frameworks	React, Redux, NodeJS, Terraform, Spring
Databases	PostgreSQL, MySQL, DynamoDB