

Education

SUNY Alfred State College

Bachelor's Degree (2012-2015) - 3.7 GPA
Information Technology: Applications Software Development

Associate Degree (2012-2014)
Computer Information Systems

Professional Experience

ThoughtWorks

Senior Software Developer (November 2019 - Present)
Software Developer (September 2018 - November 2019)

Client: US Restaurant Chain (Current) - Delivered new front-page website, a Next.js/React application focused on fast performance and increased conversions. Evolved an empty codebase into production-scale software, taking on developer and technical lead roles across multiple teams over the course of the build-out. Built CI/CD pipelines using GoCD and added monitoring capabilities with New Relic. Delivered value quicker by embedding new capabilities into legacy angular application.

Client: Climate Change Activism Group - Built a data management and visualization tool to track growth of the movement using Javascript and Ruby on Rails to deliver polished software in just five weeks.

Client: "Big 3" Management Consultancy - Developed an annual review tool scaling an MVP into a widely-loved internal product. Worked with a large international team to deliver an offline-capable progressive web app using React and Java Spring. Mentored team on front-end development and React/Redux best practices. Broke down monolithic backend into a manageable set of services.

Client: International Bank - Developed in a large microservices codebase with many legacy touchpoints, developing consumer loan product using React and Java Spring. Led adoption of reactive programming using Project Reactor and WebFlux. Increased agility by creating smaller deployable units, reducing overhead required to deploy, and improving build pipeline speeds.

The Hershey Company

Web & Mobile Analyst (July 2015 - August 2018)
Applications Development Intern (January 2015 - July 2015)

Full-stack development with Grails, Javascript, Java, and Mule ESB. Modernized build and deploy process with Bamboo and Docker. Improved software quality through automated testing, and establishment of a code review process. Led consultations to improve user experience on projects across the enterprise. Proposed moving from native iOS development to React Native, and created initial prototypes.

VoicePort

Software Development Intern
(May 2014 - August 2014)

Alfred University

Web Programmer
(January 2014 - December 2014)

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Additional Experience

Interaction Design Certificate

(University of California, San Diego - November 2016)

Alfred State Information Security Team

As a student turned alumni volunteer, presented on application security topics. Created vulnerable servers and web applications for cybersecurity competitions. Attended, hosted, and built competitive cybersecurity events.