

SKILLS	Languages: JavaScript/TypeScript · Java Scala · Python · C/C++ · C# Ruby/Rails · SQL · PHP HTML · CSS/SCSS	Tools: NodeJS · ReactJS · Webpack CI/CD Pipelines · Git GraphQL · MongoDB InfluxDB · Ansible/AWX Postman · Bash · RESTful APIs L ^A T _E X	Operating Systems: Windows · Linux/Unix · macOS
WORK EXPERIENCE	Software Engineer II @ Datto - Remote March 2021 - October 2022 Worked as part of the SaaS Protection Team, working on a subsection of a distributed system that manages discovering, protecting, and billing Microsoft Office 365 and Google Workspace seats when they are created, updated, or deleted from their respective SaaS providers. Collaborated with team members using Agile methodologies to design, implement, and QA new features. Created and supplemented support scripts to help ease the transition of migrating existing data from an old system to the updated system. <i>Scala, TypeScript, PHP Symfony, Python, Elasticsearch, MySQL, PostgreSQL, Ansible/AWX</i> Software Engineer @ Bryx - Rochester, NY October 2019 - January 2021 Designed, developed, and tested new user interfaces for Bryx911 web applications. Modularized code into reusable packages. Set up tools and pipelines to automatically build, test, deploy, and generate documentation. Provided customer support to both Bryx911 and Bryx Station users. <i>Typescript, ReactJS, Kotlin, Python, MongoDB</i> Controls Software Engineer @ Calvary Robotics - Rochester, NY September 2018 - April 2019 Designed and developed a custom, standalone performance tracking application for industrial manufacturing machines. Time-based data from machines was collected and stored by a backend process. Data could then be accessed and displayed via a dashboard. Application dashboard was web-based and used server-side rendering, so that it could be accessed from any device with a browser. <i>JavaScript, Python, NodeJS, ReactJS, InfluxDB</i> Systems Engineer Co-Op @ Micron - Manassas, VA January 2017 - August 2017 Designed, developed, and supported internal software systems. Worked with customers in order to design new features and tools. Responsibilities included designing databases, developing REST APIs, and front-end feature development. Set up CI pipelines to generate code documentation from our main codebase. Additionally, set up a system of project tracking for the team. <i>PHP, JavaScript, AngularJS, MySQL, PostgreSQL</i> Software Engineering Co-op @ Intuit - Mountain View, CA January 2016 - July 2016 Worked as part of the QuickBooks Online Payments team. Work primarily consisted of front-end feature development and testing of current features. Also worked on a secondary project creating a browser-based diagnostic tool for customer use. <i>JavaScript, ReactJS</i> Business Intern @ Siemens Industry - Norcross, GA June 2012 - July 2012		
EDUCATION	Rochester Institute of Technology - Rochester, NY September 2013 - 2018 B.S. Computer Science		
PROJECTS	Where to Find Brunch (Personal, 2018 - 2019) <ul style="list-style-type: none">Using data from Yelp, randomly generates a place to get brunch based on location.Tech stack: Ruby on Rails, GraphQL Tangram Piece Detector (Computer Vision, Fall 2016) <ul style="list-style-type: none">Used computer vision concepts to find and identify pieces of a tangram puzzleImplemented generic Hough TransformLanguage: MatLab Threaded Multidimensional Maze Generator (Personal, 2014) <ul style="list-style-type: none">Using binary division as a maze generation algorithm, generates a maze spanning over three dimensions and then outputs the result to a file to be used in other applications.Language: C Song Database (Data Management, Fall 2014) Multidimensional Maze Generator (Personal, 2013 - 2014) Assembly Sudoku Solver (Concepts of Computer Systems, Fall 2015)		