

# Tyler Como

San Jose, California, 95110

☎ (724) 992-2029 | ✉ tylerjcomo@gmail.com | 🌐 tycomo | 🌐 tyler-como

## Education

### Georgia Institute of Technology

Atlanta, Georgia

M.S. IN COMPUTER SCIENCE

Graduated: August 2020

- Coursework: Machine Learning, AI For Robotics, Knowledge-Based AI, Networks, Software Architecture & Design, Machine Learning For Trading, Human-Computer Interaction, Information Security, Software Development Process, Health Informatics
- GPA: 3.90

### Slippery Rock University

Slippery Rock, Pennsylvania

B.S. IN INFORMATION TECHNOLOGY & B.S. IN INFORMATION SYSTEMS

Graduated: May 2015

- GPA: 3.64

## Skills

**Languages** Python, C#, JavaScript, TypeScript, HTML, CSS, SQL

**Frameworks** .NET Framework, Angular, React, Flask, GraphQL

**Databases** PostgreSQL, Microsoft SQL, MongoDB, Redis

**Miscellaneous** AWS, Azure, REST API Design, Microservices, Kubernetes, Scikit-Learn, gRPC, Git, Linux, Jenkins, Maven

## Experience

### Agilent Technologies

Santa Clara, California

SENIOR SOFTWARE ENGINEER

October 2019 - Current

- Developed RESTful API's using .NET Core to break up legacy monolithic data systems into microservices.
- Created a new cloud-based product offering by leveraging Amazon Web Services that allowed for existing client-server products to be hosted in new ways.
- Responsible for the implementation of web applications using Angular that enable users to authenticate and view the real-time status of scientific instruments.
- Contributed to technology decisions made by the architecture team by creating design decision documents and evaluating options that shaped the direction of product offerings.
- Worked with various stakeholders using the agile framework scrum to develop level-of-effort estimates for stories while collaborating with development teams from around the world.

SOFTWARE ENGINEER

July 2018 - October 2019

- Participated in the software development life-cycle for a C#/C++ client-server data system that managed the workflow of lab operations, including communication with scientific instruments and the analysis of scientific data.
- Responsible for the implementation of new features and the maintenance of defects in the highly regulated life sciences industry.
- Maintained CI/CD pipelines using Jenkins and the build automation tooling Maven.
- Enabled customers to interact with Agilent hardware & software by developing documentation and demo applications using an SDK.
- Won internal *hackathon* using Scikit-Learn and machine learning to detect anomalies in scientific data and alert lab technicians.

### Matric Group - Electronics Manufacturing

Seneca, Pennsylvania

SOFTWARE DEVELOPER

October 2015 - May 2018

- Developed applications and tools using Python and C# to create efficiencies within internal business processes.
- Managed the migration from on-premise hosting to Microsoft Azure cloud based hosting.
- Transitioned department to adopt an agile software development life cycle using continuous integration and continuous deployment.
- Developed multi-tenant customer web portal that enables users to download documents, and retrieve order information.
- Built product life cycle management web application that reduced average time to complete business process by 80 percent when compared to previous software solution.

## Projects

### ngx-ssrs-reportviewer

2020

ANGULAR, TYPESCRIPT, ANGULAR SCHEMATICS, NPM

[github/tycomo/ngx-ssrs-reportviewer](https://github.com/tycomo/ngx-ssrs-reportviewer)

- Open-Source Angular component that allows consumers to display SQL Server Reporting Services reports inside Angular applications.
- Available for download through NPM. Integrates with Angular CLI using Angular schematics for download and configuration.
- Downloaded over 18,000 times in the last year.