Tyler **Como**

Denver, Colorado, 80202

(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, HTML, CSS, SQL
Frameworks	.NET Framework, Angular, React, Nextjs, Flask, GraphQL
Databases	PostgreSQL, Microsoft SQL, Redis
Miscellaneous	AWS, Azure, REST API Design, Event-driven Architecture, Docker, Scikit-Learn, Git, Linux, Jenkins, Maven, Scrum

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 a smaller service oriented architectures.
- 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.
- In 2021, took on role as part time scrum master for a development team, responsible for generation of key scrum metrics, leading scrum ceremonies which includes product backlog grooming, sprint planning, review, and retrospectives.
- Worked with various stakeholders using the scrum agile framework to develop level-of-effort estimates for stories while collaborating with scrum development teams from around the world to define project scope and objectives.

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.
- Supported customers using the *OpenLab SDK* to interact with Agilent hardware and software by developing demo applications.
- 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.
- Built product life cycle management web application that reduced average time to complete business process by 80 percent when compared to previous software solution.

Open Source Projects

ngx-ssrs-reportviewer   *2020*

ANGULAR, TYPESCRIPT, ANGULAR SCHEMATICS, NPM   *github/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 2020.