# Sarah Strickman

Available for Fall 2021, Spring 2022

## Education

**Rochester Institute of Technology**                      May 2022
B.S. Software Engineering & Computer Science                GPA: 3.5

## Experience

**Microsoft**                                              Bellevue, WA
Software Engineering Intern – Bing Platform       May 2020 – Aug 2020
- Wrote a rule-based troubleshooting tool for the Bing Platform Microservices team.
- Participated in the full lifecycle of the tool by:
  - surveying customers and analyzing log data using MQL and KQL
  - designing a modular and easily extendible tool utilizing Singleton and Dependency Injection patterns
  - writing and unit testing the tool C# and APS.NET Core
  - Integrating the tool into the existing product and presenting it to the team

Explore Intern – Bing Advertising              May 2019 – Aug 2019
- Worked within the Microsoft Ads Editor (MAE) team to develop a feature that allows users to take better advantage of new updates within the application.
- Wrote a functional requirements spec detailing how the feature should appear to the user, how it would be integrated within MAE, and how other Microsoft developers would implement the feature.
- Used React, CSS, and C# to handle communication between the client and server sides of the application, as well as to design the feature's appearance in MAE.

**RIT Computer Science**                         Aug 2019 – Present
Student Lab Instructor                               Rochester, NY
- Works with professors in brainstorming problem-solving sessions once a week.
- Leads students in problem solving sessions and guides them to understanding introductory computing concepts.
- Mentors for 2 hours every week to help students understand concepts and complete assignments.
- Grades and provides feedback on weekly lab submissions from students.

## Projects

**Personal Travel Assistant Application**               Aug 2019
- Extended the Microsoft Shopping Assistant to travel purposes in order to allow users to have an integrated/centralized place to plan trips/vacations.
- Defined CSS rules to select necessary information from websites for the Travel Assistant (trip dates, prices, location, etc.)
- Used Google Maps API to provide a visual map of bookmarked hotel locations.
- Onboarded Microsoft engineers for future development and production.

## Contact

✉ sarahstrickman@gmail.com
📞 347.987.8593
🔗 sarahstrickman.com

## Skills

**Languages:** Python, Java, C, C#, HTML/CSS, MIPS Assembly

**Process:** Scrum, Agile, Version Control, Microsoft Teams, Slack, Trello, Design Patterns

## Leadership

**Head of Public Relations** (2019)
Society of Software Engineers

**Mentor** (2019 – Present)
Society of Software Engineers

**Ambassador** (2018 – Present)
RIT Computer Exploration

## Awards/Certifications

**Dean's List** – Spring 2018, 2019, Fall 2020

**Adobe Certified Associate**
- Premier (2017)
- Photoshop (2016)
- Illustrator (2016)

**Autodesk Certified User**
- Maya (2017)
- Inventor (2013)

## Activities

Society of Software Engineers Member
Women in Computing Member
BrickHack V participant
WiCHacks volunteer, participant
Freelance Graphic Design/Illustration
NOLS participant/graduate