



## Glen Simon

Software Engineer 2,  
Indeed Inc

 9697 Barnes Rd.  
Portland, MI. 48875

 517-927-1097


 glen.a.simon@gmail.com


 <https://glenasimon.com>

 <https://github.com/gsimon2>


 [www.linkedin.com/in/glen-a-simon](https://www.linkedin.com/in/glen-a-simon)


## Languages

 TypeScript ● ● ● ● ●

 JavaScript ● ● ● ● ●

 HTML / CSS ● ● ● ● ●

 C# ● ● ● ● ●

 Python ● ● ● ● ●

## Technologies

**Front-End:** React, Storybook, Apollo Client, Redux, Axios, Styled Components

**Back-End:** .NetCore/Standard, Entity Framework Core, Swagger, Auth0, NodeJs, ExpressJs

**Testing:** Jest, Testing Library, Test Cafe, Enzyme, Pa11y, Puppeteer, Moq

**Tools:** Datadog, SonarQube, Chromatic, Azure Portal, Azure DevOps, Azure Application Insights, Visual Studio, Visual Studio Code, Lens

**Other:** Git/Github/GitLab, Github Actions, Docker, Kubernetes,  $\LaTeX$

## Skills

Leadership • Project management • Collaboration • Written & Verbal Communication • Problem-Solving • Accountability • Empathy

## Working Experience

2022 - Now **Software Engineer 2**

Indeed Inc

Developed and maintained an ecosystem of micro front-end modules that enhance job search, filtering, and selection experiences servicing over 4 million sessions a week.

Utilized a range of tools to ensure code quality and high quality user experiences resulting in an average of less than 0.25% of sessions experiencing an error.

Leveraged in-depth logging and custom dashboards for real-time usage and statistics monitoring, facilitating data-driven decision-making.

Led agile-style meetings and demonstrated proficiency in managing and decomposing complex tasks to drive projects and meet deadlines effectively.

2019 - 2022 **Software Engineer 2**

TechSmith Corporation

Developed websites, single page applications, micro front-end components, and component libraries.

Created, extended, and maintained .Net APIs and web jobs.

Reduced daily authorization token requests from thousands to a single request per app by refactoring large portions of code and implementing a double layer caching system that could effectively handle scaling.

Integral in the architecting and implementation of a system designed to offer cloud-driven in-app content for our desktop products.

## Education

2017 - 2019 **Master's Degree - Computer Science**

Michigan State University

Focus on evolutionary algorithms, artificial neural networks, autonomous systems, and computer networking. GPA: 3.95

2014 - 2016 **Bachelor's Degree - Computer Engineering**

Michigan State University

Cum laude, Dean's List, GPA: 3.87

## Projects

2020 - Now **Foundry VTT Modules**

Developed and actively maintain free to use modules that add additional functionality to a popular virtual table top system. Remain active in the community to address bug reports, feature requests, and offer regular updates.

## Publications

2019 **Applying Evolution and Novelty Search to Enhance the Resilience of Autonomous Systems**

*M. A. Langford, G. A. Simon, P. K. McKinley, and B. H. C. Cheng  
IEEE/ACM 14th International Symposium on Software Engineering for Adaptive and Self-Managing Systems (SEAMS), Montreal, QC, Canada*

2018 **Evo-ROS: Integrating Evolution and the Robot Operating System**

*G. A. Simon, J. M. Moore, A. J. Clark and P. K. McKinley  
Proceedings of the Genetic and Evolutionary Computation Conference, Kyoto, Japan*

2017 **Evo-ROS: Integrating Evolutionary Robotics and ROS (poster summary)**

*J. M. Moore, A. J. Clark, G. A. Simon and P. K. McKinley  
Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems, Vancouver, BC, Canada*

## Presentations

2018 X-PLORE / Evo-ROS Update 2, PI meeting for AFRL Resilient and Trusted Systems Program, Ann Arbor, MI

2018 Evo-ROS: Integrating Evolution and the Robot Operating System, Genetic and Evolutionary Computation Conference, Kyoto, Japan

2017 X-PLORE / Evo-ROS Update 1, PI meeting for AFRL Resilient and Trusted Systems Program, Miami, FL

2017 Evo-ROS: Applying Evolution to the Robot Operating System (poster summary), International Conference on Intelligent Robots and Systems (IROS), Vancouver, BC, Canada