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| **MIYAKO JONES**  **Software Engineer** | [mtj@miyako.io](mailto:mtj@miyako.io)  <https://www.linkedin.com/in/miyakoj>  [https://www.miyako.io](https://miyakoj.wordpress.com/) |

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| **PROFILE** |

4 years of combined experience with website development and software engineering. Organized, responsible, hard-working, a team player and a self-starter. Skills include:

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| * Client-side development. * Server-side development. | * Object-oriented development. * Design, testing, debugging, and documentation. |

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| **TECHNICAL SKILLS** |

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| **Languages:** | C#, .NET Framework, .NET Core, ASP.NET, HTML, CSS, JavaScript, PHP, C++, Java, Python |
| **Libraries:** | jQuery, Fabric |
| **Frameworks:** | Bootstrap 3 & 4, Daemonite’s Material UI, Angular 1, Vue.js 2 |
| **Platforms:** | Node.js, Electron |
| **Methodologies:** | UML, Agile, Google’s Material Design |
| **OS:** | Windows, Linux |
| **Databases:** | MySQL, SQL Server, SQLite, MongoDB, Firebase |
| **Software:** | Visual Studio/Code, Git, Subversion, WordPress, Google Meet, Microsoft Teams, Zoom |
| **Cloud:** | Digital Ocean, Azure, Jira, Stripe, Recurly, Google Cloud |

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| **WORK HISTORY** |

### SWIFTLET TECHNOLOGY, Flint, MI (2017 to Present)

**Contract Software Engineer** (Nov. 2020 to Present)

Designed, developed, debugged, estimated, and maintained web, server, and desktop software.

**Software Engineer** (Mar. 2017 to Oct. 2020)

Designed, developed, debugged, estimated, and maintained web, server, and desktop software.

* Added functionality to existing websites using ASP.NET.
* Updated existing web application data integrations and databases using Entity Framework and SQL Server.
* Developed tools using .NET, Node.js, and Groovy to interface with Jira in order to achieve business goals.
* Developed an Odoo POS addon in JavaScript.
* Developed an Electron-based application to work with SMART cryptocurrency wallets and a supporting JSON-RPC tool. ([SmartSweeper](https://github.com/swiftlettech/smart-sweeper) | [node-smartcash](https://github.com/miyakoj/node-smartcash))
* Ported an existing .NET Framework application to .NET Core.
* Developed an administration web app in Vue.js 2.
* Developed .NET UI applications using Winforms.
* Utilized the Selenium Framework for web application testing.
* Developed web and desktop applications to display simultaneous video streams.
* Developed dashboard web application with Stripe integration using Angular 1 and PHP.
* Developed and maintained WordPress sites.

**Contract Software Engineer** (Jan. 2017 to Mar. 2017)

* Developed a web-based tool for YMCA youth to track environmental impact using Angular 1.

### UNIVERSITY OF MICHIGAN-FLINT, Flint, MI (2007 to 2016)

**Lead Web Developer, Dept. of Computer Science** (May 2016 to Dec. 2016)

Developed web-based tools using HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap, and PHP to assist Flint residents and city officials with navigating the Flint Water Crisis. ([Project repo](https://github.com/miyakoj/flintwaterpublic))

* Worked with Google UX designers to develop a responsive, user-friendly website.
* Leading role in designing and developing backend logic to connect web tools to Google Cloud products such as Cloud Storage and Cloud SQL.
* Led a team of 4 developers in client-side and server-side development.
* Developed and released open source software.

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### Office Assistant/Webmaster, Honors Program (Jan. 2013 to Jun. 2016)

Assisted program staff with the administration of the Honors Program.

* Developed and maintained a SharePoint website and workflow processes for Honors off-campus applications.
* Developed and maintained a SharePoint site for Honors theses.
* Developed and edited content for the Honors Program website using Drupal.
* Communicated professionally with faculty, staff, students, and alumni.
* Assisted with the revision of business processes.
* Distributed information at student orientation sessions and assisted with student recruitment.
* Wrote and edited articles for the Honors Discovery newsletter and Honors blog.

### Graduate Student Research Assistant, Dept. of Computer Science (Mar. 2016 to Apr. 2016)

Assisted with the research and development of software products.

* Developed an editor using HTML, CSS, and JavaScript/jQuery for updating the Firebase database used for the h2oFlint Android app. ([Post](https://blogs.umflint.edu/softwareoutreach/2016/02/07/h20flint-android-app-is-now-in-the-google-play-store/))
* Researched solutions for a virtual lab system that integrated audio and video communications technology.

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### Desktop Publisher/Web Developer/Research Assistant, Office of Research (Feb. 2009 to Dec. 2012)

Assisted with the creation and maintenance of the Linden Legal Aid Centre website using HTML, CSS, JavaScript, and PHP.

* Designed the newsletter of the Linden Legal Aid Centre.
* Assisted with information research for the Linden Legal Aid Centre website and newsletter.
* Established variables and entered data using IBM SPSS software.

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### UNIVERSITY OF MICHIGAN-FLINT (Continued)

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### Office Assistant/Webmaster, Dept. of Philosophy (May 2008 to Apr. 2009)

Assisted faculty and staff with the administration of the department.

* Answered telephone calls using a multi-line system.
* Answered questions from staff and students.
* Maintained department website.
* Digitized course materials.

### Website Developer/Webmaster, Various Departments (Aug. 2007 to Apr. 2009)

Created and maintained the websites of several academic departments and programs using HTML, CSS, and JavaScript.

* Designed and developed informational pop-ups for department courses.
* Created instructor web pages.
* Updated information and maintained its accuracy.
* Utilized a content management system to maintain web pages.

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| **EDUCATION** |

***University of Michigan-Flint, Flint, MI***

* Master of Science, Computer Science and Information Systems
* [Software outreach student](https://blogs.umflint.edu/softwareoutreach/2016/01/28/hello-world/)
* 3.7/4.0 GPA
* Graduation date: Apr. 29, 2016

***University of Michigan-Flint, Flint, MI***

* Bachelor of Science, Computer Science – Software Engineering (Honors)
* Minor: Computer Information Systems
* [2012 Maize and Blue Scholar](https://news.umflint.edu/2012/11/19/um-flint-maize-and-blue-recipients-december-2012/) | [2009 Google Scholar](http://blog.mlive.com/higher-education/2009/09/university_of_michiganflint_st_1.html)
* 3.61/4.0 GPA
* Graduation date: Dec. 19, 2012

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| **VOLUNTEER** |

### Software Developer, University of Michigan-Flint (Sep. 2009 to Jun. 2012)

Worked with a team to develop a transcultural nursing educational game for undergraduates.

* Created UML-based software artifacts such as use cases and sequence diagrams.
* Wrote a software requirements specification for a software component.
* Constructed companion software for the nursing game using Java.
* Created PHP scripts to transfer data from a Flash application to a remote MySQL database.

### Software Developer, University of Michigan-Flint (May 2010 to Aug. 2010)

Worked with a team to design a biology/chemistry educational game for undergraduates using UML.

* Successfully reused a framework previously developed for a similar educational game.

**References**

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| Daniel Kurin | Founder and CEO  [dkurin@swiftlet.technology](mailto:dkurin@swiftlet.technology)  989-225-8754 | Swiftlet Technology LLC  Flint, MI  Current Supervisor |
| Mark Allison | Associate Chair and Assistant Professor  [markalli@umich.edu](mailto:markalli@umich.edu)  810-762-3131 | Department of Computer Science  University of Michigan-Flint  Former Supervisor |
| Laura Staudacher | Program Manager  [laurast@umich.edu](mailto:laurast@umich.edu)  810-424-5354 | Honors Program  University of Michigan-Flint  Former Supervisor |