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| Armand Sarkezians | armand@armandsarkezians.com  armandsarkezians.com  linkedin.com/in/ArmandSarkezians |

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| **Skills** |

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| **Languages** | Java, C/C++, Python, Golang, JavaScript, Vue, HTML5/CSS, Haskell, Turing, Bash | **Tools** | Git, Docker, AWS, Azure, GCP, JUnit, Maven, Postman, Terraform, Figma, Firebase, Unity |
| **Databases** | MongoDB, MySQL, PostgreSQL, Neo4j | **Platforms** | Linux (Ubuntu, CentOS), Windows, MacOS |

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| **Ideologies** | RESTful API’s, SOLID Principles, Agile Workflow, CI/CD, OOP, CRUD, UI/UX Design, Data Structures and Algorithms, Multi-Threaded Programming, System Software Development, Machine Learning |

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| **Education** |

Hon. BSc. Computer Science, *University of Toronto Scarborough* Sept 2019 - Apr 2023

* Specializing in Computer Science, focus on Software Engineering, awarded Dean’s List in 2019/2020

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| **Work Experience** |

Software Development Engineer Intern, *Twitch (Amazon)* June 2022 - Aug 2022

*Python, Golang, AWS SageMaker, AWS SQS, AWS Elasticsearch, AWS Lambda*

* Developed an auto-remediation tool for network interfaces spanning the entire Twitch infrastructure, handled over 1000 outage reports in two months, 78 of which were automatically corrected
* Utilized Amazon Lambdas to query interfaces for data points, converted to JSON format and handed over to Operations Engineers through a PagerDuty pipeline, developed tickets for downed interfaces through Jira’s API

Security Engineer Intern, *TD Bank* Jan 2021 - Aug 2021

*Python, Microsoft Power Platform, Cortex xSoar, Postman, IBM Guardium, Jira, Confluence, Azure*

* Worked in a small, close-knit team focused on automating manual tasks throughout the TD Security department
* Created and maintained a script using the Microsoft Power Platform to alert staff and senior members of the TD Board (CEO, Senior Security Engineers) of a potential breach, cutting the overall response time drastically
* Developed and deployed an automated Python script using Cortex xSoar to repeatedly SSH into hundreds of development and production IBM Guardium servers and clear off excess data in a secure way, saving dozens of man hours monthly
* Worked with various other teams to create thorough, in-depth documentation about several projects using Confluence

Sales Associate, *Staples Canada* July 2019 - Aug 2021

* Worked in a leadership position when dealing with a third-party company to enforce proper safety protocols during the COVID-19 pandemic and ensured accuracy of product quantities throughout the store

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| **Projects** |

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| Bonfire   * Created a Kanban app using Vue and NestJS, where users can create classrooms, spaces, assignments, etc. * Designed DB Schema using Prisma, used Firebase * Worked with a group of developers in Agile format over Discord, maintained velocity using CI/CD | PintOS   * Implemented MLFQs, virtual memory systems, system calls, and a filesystem in PintOS, an operating system written in C, assembly, and using Makefiles * Leading a team of three developers using Github for version control, scrum meetings in Discord |
| Microservices   * Created a ridesharing application that allows users to create a profile, enter a location, book a trip, etc. * Stored map data, user locations in MongoDB and calculated shortest routes using Dijkstra’s algorithm * Used Postman to send requests to a RESTful API gateway hosted on a proxy server run in Docker * Applied CI/CD practices, Github Actions for tests | Games/Other   * Created multiple games (Hole in the Wall, Zombie Survival, Legend of the Last Airbender on Github) in Java using graphical libraries (AWT and Swing) * Developed multiple Python bots; web scrapers, Discord bots, alert bots, stock checkers, etc. * Created a shell program implementing basic commands (mkdir, ls, cd, etc.) using Java, Maven |