

# Mario Jordan

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EXPERIENCE	<b>Software Engineer</b> , Jacobs School of Music	Apr. 2023 - Present
	<ul style="list-style-type: none"><li>▪ Building a .Net Worker Service to transform audio files for post-processing.</li><li>▪ Constructed a website for livestreaming performances using Angular, C#.Net APIs, and EFCore with MSSQL.</li><li>▪ Updated manual project deployment to use CI/CD pipelines in Azure DevOps for automated deployment to each of our environments.</li></ul>	
	<b>IT Solutions Developer</b> , Kum & Go	Aug. 2020 - Apr. 2023
	<ul style="list-style-type: none"><li>▪ Built a PWA task planning tool using Angular and C#.Net to create, manage, and deploy tasks to stores' Android tablets.</li><li>▪ Developed internal reporting systems using HTML, CSS, and JavaScript to build visualizations and MSSQL stored procedures for data aggregation.</li><li>▪ Automated form entry, data entry, and email alerts via VisualCron, Console Apps, Power Automate, and Azure Functions.</li><li>▪ Configured ETL processes to sync point-of-sale data into downstream data warehouses and marts.</li><li>▪ Conducted planning sessions with stakeholders to prioritize efforts based on current business needs.</li><li>▪ Coded a Function App to mask users' PII. Integrated process with 3<sup>rd</sup> party vendor APIs to ensure compliance in all external data flows.</li><li>▪ Set up a Power Automate Flow to notify stores of fuel dispensers that with low on receipt paper levels.</li><li>▪ Converted store's paper checklist into a Kotlin Android app.</li><li>▪ Designed wireframes for data visualizations using Figma and Lunacy.</li></ul>	
PROJECTS	<b>Spotify Song Picker Game</b>	Aug. 2023 - Present
	<ul style="list-style-type: none"><li>▪ Architecting a React web app that plays a song, and prompts users to guess the song from a multiple choice list of similar songs.</li><li>▪ Leveraging Spotify's API for song retrieval and playback..</li></ul>	
	<b>Algorithmic Composition</b>	Jan. 2023 - Mar. 2023
	<ul style="list-style-type: none"><li>▪ Engineered a program using Max/MSP to generate music.</li><li>▪ Integrated algorithms with note generation using JavaScript.</li></ul>	
SKILLS	<b>Languages:</b> C#, CSS, HTML, Java, JavaScript, Kotlin, MSSQL, Python, Ruby <b>Technologies:</b> .Net Frameworks, Android, Angular, Azure DevOps, Git, SSIS, VisualCron	
EDUCATION	<b>Grinnell College</b>	Aug 2016 - May 2020
	B.A. Computer Science and Music, Phi Beta Kappa, GPA: 3.78 / 4.00	Grinnell, IA
	<b>Aquincum Institute of Technology</b>	Feb 2019 - May 2019
	Computer Science Study Abroad, GPA: 3.70 / 4.00	Budapest, Hungary