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| Cory Starks  *Software Engineer*  [coryd.starks@gmail.com](mailto:Coryd.starks@gmail.com) | [GitHub](https://github.com/corstar52099?tab=repositories) | Sparks, NV  775-772-3441 |

**TECHNICAL SKILLS**

**Languages***:* Java, Python, Shell, C#, C++, C

**Technologies***:* Java CDI, Maven, Docker, Django, JavaFX, Apache Kafka, SQL, Junit, Git, Google Cloud Platform/CLI, GPT API, Linux, Windows/PowerShell, RHEL

**Tools***:* Intellij, Visual Studio Code, Visual Studio, VMware Workstation, VNC Viewer, Chat GPT

**PROFESSIONAL EXPERIENCE**

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| **Sierra Nevada Corporation** | **Sparks, NV** |
| *Software Engineer 2* | *Dec 2021 - Current* |

* Developed an intuitive GUI that improved mission completion time by 60%, significantly reducing operational costs
* Refactored the Kafka message bus architecture, reducing the API scope by 80% and decreasing latency to ~1 ms
* Engineered RF data visualization systems capable of operating displays at a 60hz refresh rate using JavaFX/Netty
* Enforced new testing standards and optimized the existing frameworks, increasing code coverage by up to 20%
* Implemented high-level back-end data management processes using CDI, ensuring a scalable and modular code base
* Automated build process using Maven, resulting in faster building and consistent deployment across all environments
* Practiced CI/CD while designing automated testing and deployment strategy, improving release cycles/code quality

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| **University of Nevada, Reno** | **Reno, NV** |
| *Engineering Tutor* | *Sept 2019 – Jan 2022* |

* Tutored students in CS courses such as Data Structures, Databases, and Algorithms
* Provided resources to students for the purpose of studying for major CS coursework

**PROJECTS**

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| **Dance Studio Website |** [*Link*](https://creativesparksnv.com/) *•* [*GitHub*](https://github.com/corstar52099/Creative-Sparks-Website) | **Sparks, NV** |
| *Lead Full-Stack Developer* | *May 2022 – Aug 2022* |

* Redesigned website to be static reducing costs by $360 per year
* Adapted a modern look increasing conversion rate by 20%
* Designed and implemented the entire stack myself

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| **Be Heard AI Speech Recognition |** [*GitHub*](https://github.com/JacobMcAllister/Be.Heard) | **Sparks, NV** |
| *Front-End API Developer* | *Aug 2021 – May 2022* |

* Implemented Levenshtein distance algorithm for scoring the speech of users
* Designed dynamic settings page back end and GUI

**EDUCATION**

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| **University of Nevada, Reno** | **Reno, NV** |
| *Bachelor of Science in Computer Science and Engineering* | *Aug 2017 – May 2022* |

**ADDITIONAL INFORMATION**

**PersonalInterests***:* Weightlifting, Plants, Guitar, Pilates