

# Cory Starks

[coryd.starks@gmail.com](mailto:coryd.starks@gmail.com) | [Github](#)

Sparks, NV  
775-772-3441

## TECHNICAL SKILLS

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

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

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

## PROFESSIONAL EXPERIENCE

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### Sierra Nevada Corporation

*Software Engineer 2*

**Sparks, NV**

*Dec 2021 - Current*

- Developed a GUI improving mission time by 60%
- Refactored message bus, reducing API size by 80% with Apache Kafka
- Produced real time RF data visualization with <1ms response time
- Optimized testing frameworks increasing code coverage by up to 20%
- Implemented back-end data management using high level Java CDI
- Automated build components for optimized building and deployment using Maven
- Practiced CI/CD with automated testing and deployment design

## PROJECTS

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### Dance Studio Website | [Link](#) • [Github](#)

*Lead Full-Stack Developer*

**Sparks, NV**

*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

### Be Heard AI Speech Recognition | [Github](#)

*Front-End API Developer*

**Sparks, NV**

*Aug 2021 – May 2022*

- Implemented Levenshtein distance algorithm for scoring the speech of users
- Designed several key pages of the web app

## EDUCATION

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### University of Nevada, Reno

*Bachelor of Science in Computer Science and Engineering*

**Reno, NV**

*Aug 2017 – May 2022*

## ADDITIONAL INFORMATION

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**Personal Interests:** Weightlifting, Guitar, Magic the Gathering, Video Games