

# Eric George

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## SKILLS SUMMARY

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- **Proficient Languages:** Java, C, Python, Haskell, JavaScript/TypeScript, HTML 5, CSS, Rust, Assembly (ARMv8-A), R, Dart.
- **Frameworks:** React, Node.js, Swing, JUnit, NumPy, Bootstrap, MUI, Flutter, Django, MySQL.
- **Tools:** VS-Code, Git, Netbeans, IntelliJ IDEA, PyCharm, GDB, Eclipse, Excel, Linux, Raspberry Pi.
- **Skills:** Communication; Enhanced Customer Relations Skills; Conflict Resolution and Collaboration; Commitment to Excellence; Adaptive and Persistent.

## EDUCATION

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### Bachelor of Science, Computer Science

Sept. 2022 – Present

*University of Calgary*

*Calgary, AB*

- **GPA: 3.9/4.0;** Dean's List.
- Competitive Programming Club, Information Security Club, Shenanigans! Club, Board Games Club.

## PERSONAL PROJECTS

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### Cardfight Vanguard Application [github.com/ericthegeorge/Cardfight-Vanguard-Online](https://github.com/ericthegeorge/Cardfight-Vanguard-Online)

2024 – Present

- Used Language: Python, Dart, SQL. Used Frameworks: MySQL, Flutter, Django. Used Tools: VSCode, Git, Local Databasing.
- Used Django to model and use my database, and to create RESTful API's that are called by the Flutter frontend to form the full application.

### Card Image Processor [github.com/ericthegeorge/CardImageProcessor](https://github.com/ericthegeorge/CardImageProcessor)

2025

- Used Language: Python. Used Frameworks: ImageMagick, NumPy, Pillow, BS4. Used Tools: Git, VsCode.
- Batch web scraper and image processor to prep an image from the web for printing, via Lanczos, upscaling, cornering, and resampling algorithms.

### Personal React Site [github.com/ericthegeorge/FirstReactSite](https://github.com/ericthegeorge/FirstReactSite) [ericthegeorge.github.io/PersonalWebsite/](https://ericthegeorge.github.io/PersonalWebsite/)

2024 – 2025

- Used Languages: HTML 5, CSS, Javascript/Typescript.
- Tools and Frameworks: React.js, Node.js, MUI, VS-Code, Git, Firebase, Linux.
- Built a responsive personal site with MUI that implemented interactive navigation, enhanced organization, project showcasing, and dark-mode.

### Self-Checkout Simulator [github.com/ericthegeorge/SelfCheckoutSimulator](https://github.com/ericthegeorge/SelfCheckoutSimulator)

2024

- Collaborated with over 20 people effectively.
- Used Language: Java. Used Frameworks: JUnit, Swing. Used Tools: IntelliJ IDEA, Linux, Git
- Simulated a self-checkout system with attendant, hardware, and electrical side also simulated.

### Ray Tracer [github.com/ericthegeorge/RayTracer](https://github.com/ericthegeorge/RayTracer)

2021

- Used Language: Java. Used Frameworks: JUnit, Swing. Used Tools: Git, IntelliJ IDEA.
- Implemented: reflection/refraction splitting, antialiasing, lambertian reflectance, camera focusing, etc.

## WORK EXPERIENCE

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### Lead Shift Coordinator

Jun. 2023 – Jan. 2025

*Dairy Queen*

*Calgary, AB*

- Supervised and trained team members to consistently meet a 3:00 service time target, even during high-demand rush hours, ensuring timely and quality service, maintaining a high level of operational efficiency.

*References available upon request.*

## VOLUNTEER EXPERIENCE

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### Ceremony Coordinator, Piano Accompanist, Youth Coordinator

May 2020 – Jun. 2023

*Mother Teresa Syro-Malabar Catholic Church*

*Calgary, AB*

- Coordinated ceremonies and event logistics with clergy, enhancing traditions, while rehearsing with the choir to boost performance and support.