

# GEORGE FAYETTE

Software Developer

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Grand Rapids, MI 49506

## PROFESSIONAL EXPERIENCE

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### Software Developer

2020 - 2022

#### Meijer Inc.

- ▶ Developed solutions to improve and modernize existing store technology.
  - Configured pipelines to build, test, and deploy software to Meijer infrastructure.
  - Assisted in upgrading mobile software to support a wider range of devices and operating systems.
  - Developed software to automatically configure firmware on store devices.
  - Developed batch jobs to automatically correct price inaccuracies on electronic shelf tags.
  - Fixed bugs in mobile software and provided architectural assistance when needed.
- ▶ Collaborated with Meijer engineers, contractors, and business partners to develop an inventory management system for Meijer stores.
  - Worked with a team of 4 to develop a front-end mobile application for the project.
  - Implemented several features and aided front-end and back-end developers when needed.
  - Participated in demos for business sponsors and answered technical questions about the project.

### Electrical Contractor

2018 - 2020

#### Conveyability Inc.

- ▶ Assisted in the design, construction, and installation of automation equipment for several manufacturers and warehouses in Michigan.

### Controls Electrician

2017 - 2018

#### Tuff Automation Inc.

- ▶ Collaborated with engineering and sales to manage the construction and installation of industrial automation equipment throughout the US and Mexico.
- ▶ Developed software to interface with programmable logic controllers.

## EDUCATION

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### Bachelor of Science in Computer Science

Grand Valley State University

Magna Cum Laude

Graduated May 2020

Grand Rapids, MI

## PROJECTS

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| <ul style="list-style-type: none"><li>▪ Inventory management system</li><li>▪ Website for local business</li><li>▪ Mobile game with 3D graphics and shaders</li><li>▪ PGP encryption implementation with RSA and bitwise XOR</li><li>▪ WAV file editor with steganography and audio effects</li><li>▪ Personal website with 2D graphics and shaders</li><li>▪ Image classifier with convolutional neural network</li></ul> | <ul style="list-style-type: none"><li>- C#, Xamarin, Azure, Cosmos DB, SQL</li><li>- JavaScript, TypeScript, React</li><li>- C#, Xamarin, OpenGL, GLSL</li><li>- Java</li><li>- C, Linux</li><li>- JavaScript, WebGL, HTML, CSS</li><li>- Python, TensorFlow</li></ul> |
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