

# Michael Salgado

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## SUMMARY

Senior Computer Science student with hands-on, team-based project experience. Skills in Python, Java, C, C++, Git, JavaScript, HTML, and CSS.

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## EDUCATION

B.S. Computer Science | Milwaukee School of Engineering | GPA: 3.32/4.0 | Expected May 2023

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## WORK EXPERIENCE

Tech Delivery Analyst | Accenture | Milwaukee, WI (Remote) | June 2022 - August 2022

- Translated functional requests to technical requirements
  - Developed and delivered python matching tool for automation of data analysis
  - Saved \$500,000 in value and 4,550 hours for Accenture project team and client
  - Lead coding ideation, prototype creation, and final delivery with full documentation
  - Examined over 50 repositories for metric collection
  - Participated in team-based analyst case study to deliver business solution
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## PROJECT EXPERIENCE

Python - Real-time emotion recognition model

- Earned honorable mention for the Rosie Supercomputer Super Challenge
- Prepared training and validation data set using data augmentation
- Evaluated various model architectures such as EfficientNet, GoogLeNet, and DenseNet
- Utilized pre-trained facial recognition models and OpenCV to detect and extract faces from video capture device

Python - Text extraction from image sources

- Utilized OpenCV to prepare image using color conversions, dilation, and finding contours
- Applied Google's Tesseract-OCT to detect lines, words, and characters
- Extracted images from clipboard data and copied text using Pillow

Java - Transcript application

- Implemented adaption graduation plan based on imported transcript
  - Designed user interface using JavaFX
  - Implemented features such as importing class schedules and outputting PDF
  - Performed code reviews, standups, and documented sprint contributions
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## TECHNICAL SKILLS

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|-----------|----------|--------------|---------------|
| ▪ Python  | ▪ Java   | ▪ C, C++     | ▪ React       |
| ▪ NumPy   | ▪ JavaFX | ▪ JavaScript | ▪ SVMs        |
| ▪ Pandas  | ▪ Git    | ▪ HTML       | ▪ KNN/k-Means |
| ▪ SkLearn | ▪ Scrum  | ▪ MongoDB    | ▪ OpenCV      |
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## INTERESTS

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|---------------------------|--------------|--------------|-------------|
| ▪ Artificial Intelligence | ▪ Volleyball | ▪ Basketball | ▪ Ping-Pong |
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