

# EMILY MORGENBESSER

## SOFTWARE ENGINEER

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### PROFESSIONAL EXPERIENCE

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#### TRENDIFY FASHION | MIAMI, FL | JUL 2021 - PRESENT

##### Software Engineer

*Technologies used:* Python, React Native, TypeScript, Node.js, MySQL, AWS Services, Tesseract

- **Contributed** to the Optical Character Recognition (OCR) feature allowing users to identify articles of clothing by using their phone's camera, which led to an **increasing sales revenue** by over 20%.
- **Collaborated** with **cross-functional teams** to improve the overall user experience; giving users a personalized **data-driven** recommendation of clothing, **increasing in app user engagement** by 30%.
- **Innovating** our machine learning model's inference and training by **optimizing** the user profile creation step; which led to an **increase in user usability** and **user downloads** by 15%.
- Improved the **developer experience** by adopting **agile** and **test-driven development methodologies** which led to 90% **test coverage** and faster bug and regression free feature releases.

#### MCA SOLUTIONS INC. | BOCA RATON, FL | AUG 2018 - 2020

##### Underwriter/ Account Manager

- Consulting with clients to understand their contract and to make sure that my clients were highly informed
- Offering innovative and intuitive solutions so I could calculate the factor rate faster while reducing data entry errors.
- Implementing best techniques in design and modern practices for promotional materials and social media reach while maintaining loyalty to customer needs.

#### SOLSTICE SWIM | DEERFIELD BEACH, FL | JAN 2019 - MAR 2020

##### Co-Founder/ Managing partner

- Developed expense reports utilizing Excel that integrated with bookkeeping software which helped increase efficiency by reducing data entry errors
- Created and designed eco-friendly swim and active wear
- Coordinated and spoke directly with our manufacturer overseas so we could test each fabric and ensure good product quality

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### TECHNICAL SKILLS

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- ❖ **Programming Languages:** Python, JavaScript, Node.js, React.js, React Native, Django, Flask
- ❖ **Databases:** SQL, MongoDB, AWS RDS, AWS DynamoDB
- ❖ **Cloud Computing:** Amazon Web Services (AWS) , Google Cloud Platform(GCP)
- ❖ **Methodologies:** Object Oriented Programming (OOP), Test Driven Development (TDD) Agile Development, RESTful API Architecture

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### EDUCATION

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- ❖ **Boca Code Bootcamp:** Software Engineering Career Certification August 2021
- ❖ **Regis College:** Majoring in Finance 2014 - 2016
- ❖ **Palm Beach State College:** Majoring in Finance 2016 - 2018