




Francis G. Drugge

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Darien, Connecticut - 06820, United States

EXPERIENCE

- **Melanoscan LLC**  June 2021 - Current
Stamford, CT
Research Assistant
 - Developed Spot Detector achieving accurate AI lesion segmentation in Whole Body Photography.
 - Implemented presenting AI-flagged high-risk lesions to dermatologists pre-visit, enhancing Melanoma Detection Rate by 116%
 - Findings presented at Stamford Health Center in May 2024, winning "Best Faculty Presentation"
 - Conducted analysis on data from landmarks and Spot Detector, identifying temporal series of lesions
- **Triple Point**  January 2024 - Current
La Jolla, CA
Trumpet Player
 - Collaborated to perform at gigs and create music
- **Melanoscan LLC**  June 2020 - June 2021
Stamford, CT
Dermovan Technician
 - Delivered Dermatology screenings to patients
 - Implemented COVID-Safe practices

EDUCATION

- **University of California, San Diego** 9 2021 - 6 2025
La Jolla, California
Bachelors of Science in Physics
 - GPA: 3.5/4
- **Darien High School** 6 2021
Darien, CT
Secondary Education
 - GPA: 3.7/4

POSTERS

1. Drugge, et al. (2023). **Personalized Melanoma Grading System: A presentation of a patient with five melanomas detected over two decades with evolving whole-body imaging and artificial intelligence systems.** In *European Academy of Dermatology and Venerology*, 11-14 October 2023, Berlin.
2. Drugge, et al. (2024). **Melanoma Diagnostic Accuracy in a Total Body Photography System with an AI Dermoscopy App.** In *Stamford Health*, April 2024, Stamford, CT.

SKILLS

- **Programming Languages:** Python, C, C++, Java
- **Web Technologies:** Github
- **Database Systems:** Sql
- **Other Tools & Technologies:** Arduino

HONORS AND AWARDS

- **Best Faculty Presentation** April 2024
Stamford Health
- **Provost Honors** Fall 2022, Winter 2023, Spring 2023, Winter 2024, Spring 2024
Marshall College, Univeristy of California, San Diego

ADDITIONAL INFORMATION

Languages: English (Native Speaker), French (Beginner), German (Beginner)

Interests: Music, Baseball, One Piece