Francis G. Drugge

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Darien, Connecticut - 06820, United States

EXPERIENCE

• Melanoscan LLC [🌐] *June 2021 - Current*
Research Assistant Stamford, CT
- 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*
Trumpet Player La Jolla, CA
- Collaborated to perform at gigs and create music

• Melanoscan LLC [🌐] *June 2020 - June 2021*
Dermvan Technician Stamford, CT
- Delivered Dermatology screenings to patients
- Implemented COVID-Safe practices

EDUCATION

• University of California, San Diego *September 2021 - June 2025*
Bachelors of Science in Physics La Jolla, California
- GPA: 3.5/4

• Darien High School *June 2021*
Secondary Education Darien, CT
- GPA: 3.7/4

PUBLICATIONS

1. Drugge et al. (2024). **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 *Dermatology Online Journal*, 30(5). DOI: [10.5070/D330564426](#)

POSTERS/ABSTRACTS

1. **Melanoma Diagnostic Accuracy in a Total Body Photography System with an AI Dermoscopy App** Drugge et al. EJC Skin Cancer, Volume 2, 100093, 2024. DOI: [10.1016/j.ejcskn.2024.100093](#)
2. 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.
3. Drugge et al. (2024). **Melanoma Diagnostic Accuracy in a Total Body Photography System with an AI Dermoscopy App**. In *Stamford Health*, May 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