




# Francis G. Drugge

+1-203-585-3365 | [frank.drugge@gmail.com](mailto:frank.drugge@gmail.com) | [My Personal Website](#)



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  
*Dermovan 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). <http://dx.doi.org/10.5070/D330564426>
2. Melanoma Diagnostic Accuracy in a Total Body Photography System with an AI Dermoscopy App Drugge, R. et al. *EJC Skin Cancer*, Volume 2, 100093. DOI: [10.1016/j.ejcskn.2024.100093](https://doi.org/10.1016/j.ejcskn.2024.100093)

## 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*, 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