Francis G. Drugge

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 frankged

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
  ◦ Engineered a [specific system/model], improving [specific metric] by [percentage]
  ◦ Developed [specific tool/method], increasing [specific aspect] by [percentage]
  ◦ Implemented [specific system], reducing [specific metric] by [percentage]
  ◦ Conducted [specific test/analysis] to validate [specific aspect]

EDUCATION

• **University of California, San Diego**   *9 2021 - 6 2025*
Bachelors of Science in Physics   La Jolla, California
  ◦ GPA: 3.5/4

• **Darien High School**   *6 2021*
Secondary Education   Darien, CT
  ◦ 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: Interest 1, Interest 2, Interest 3, Interest 4