

# Yeana Lee Bond

Citizenship: U.S. citizen with no work restriction  
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## Education

California State University, Bakersfield (CSUB) B.S., Computer Science  
Anticipated Graduation: May 2023 Current GPA: 3.88  
Korea National Sport University (KNSU) B.Ed., Adapted Physical Education  
Degree Conferred: February 2009 GPA: 3.65

## Publications

- **Y. L. Bond**, E. Osornio, S. Ledwell, A. C. Cruz and J. A. Woods, "Planar Surface Detection for Small Unmanned Aerial Vehicles Using Structure from Motion," in *American Society for Engineering Education (ASEE) 2023 Annual Conference*, Baltimore, MD, 2023. *In preparation with an accepted abstract*
- **Y. L. Bond**, E. Osornio, S. Ledwell and A. C. Cruz, "Literature Survey on RANSAC and It Variant Algorithms," in *Third Annual Computer Science Conference for California State University (CSU) Undergraduates*, Seaside, Northridge, CA, 2023. *In preparation*

## Grants and Awards

- **2022 Spring Pandemic Research Group Mini-Grant**  
Proposal Title: Assisting Telepsychology with Facial Emotion Recognition  
During the COVID-19 Pandemic Era, P.I.: Y. L. Bond CSUB \$500
- **2019 National Association of Music Merchants President's Innovation Award for Excellence in the Field of Music**  
Topics: Computer Science and Music Technology, Sound Design and Music UX-Experience, Developing for the Human Experience, Music and the Brain NAMM Foundation \$750

## Undergraduate Research Experience

- Topics: Structure from Motion, Computer Vision, Planar Surface Detection, Autonomous Operation of Unmanned Aerial Vehicles Undergraduate Research Assistant CSUB 9/2022 – Present
- Topics: Neural Network, Machine Learning, Facial Emotion Recognition, Telepsychology Undergraduate Research Assistant CSUB 9/2021 – 2/2022

## Academic Work Experience and Internships

Instructional Student Assistant CEE/CS Dept., CSUB 9/2022 – Present  
Automation Specialist Intern California Resources Corporation 9/2022 – Present  
Engineering Technician Intern California Resources Corporation 6/2022 – 9/2022

## Professional and Student Organizations

Society of Women Engineers CSUB Chapter Vice President 9/2022 – Present  
Software Engineering Club Club Treasurer 9/2021 – Present

## References

**Alberto C. Cruz, Ph.D.**  
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Associate Professor,  
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