

Yeana Lee Bond

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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, "Comparing Random Sample Consensus Algorithms for Small Unmanned Aerial Vehicles Using Structure From Motion," in *Third Annual Computer Science Conference for California State University Undergraduates*, Seaside, Northridge, CA, 2023. *Submitted*

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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