Christopher Ray Seay

c.seay.law@proton.me • (424) 366-2800 • Long Beach, CA 90802 • website • **L45097186**

EDUCATION

UNIVERSITEIT LEIDEN **Leiden, South Holland, NL**
M.S., Astronomy *Jun 2020*

- Scholarship: Astronomy tuition scholarship (Fall 2018 - Spring 2020)
- Activities: Division II rugby player, Olde Observatory tour guide, Astronomy on Tap member
- Theses: "Exploring the Possibility of Oscillations in Extrasolar Giant Planets" and "Finding substellar companions around Sun-like stars in Sco-Cen"

UNIVERSITY OF CALIFORNIA **Santa Cruz, CA, USA**
B.S., Physics (Astrophysics) *May 2017*

- Honors: Dean's Honors (Winter 2014, Fall 2014, Fall 2016)
- Activities: Astrophysics research, Division III rugby player, Mixed Ethnicity Student Headquarters (MESH) member, Society of Physics member
- Thesis: "Modeling Brown Dwarf Atmospheres"

PRE-LAW PIPELINE ACTIVITIES

LSAC PLUS, GUIDED JOURNEY **Los Angeles, CA**
LSAC Plus Scholar *Apr 2026 - Present*

- Selected for a highly competitive cohort-based program providing intensive LSAT preparation, legal writing workshops, and academic success seminars
- Directly engage with admissions deans, legal professionals, and student ambassadors for additional pre-law preparation

PROFESSIONAL EXPERIENCE

KAISER PERMANENTE **Pasadena, CA**
Consultant II (Remote, 40 hours/week) *Mar 2026 – Present*

- Earned interdepartmental promotion with expanded scope with respect to analyses and strategy
- Assist with drafting the job description and direction of the incoming Project Manager I
- Integrate AI for survey response topical data analysis for regional member care experience decisions

Project Manager I (Remote, 40 hours/week) *Jan 2023 – Feb 2026*

- Automated **85%** of survey workflow, facilitating AI tool deployment within a cross-functional team
- Informed executive decision-making on patient care priorities via demographic analyses
- Write HTML tools for and test the usability of a primary care clinician-focused regional website

COGNIZANT TECHNOLOGY SOLUTIONS **Teaneck, New Jersey**
Data Scientist Sr. Associate (Remote, 40 hours/week) *Aug 2021 – June 2026*

- Developed AI tools to improve resource management, contributing ~ 5% average annual revenue growth
- Designed and managed machine learning algorithms to deliver novel product features
- Mentored three summer interns, providing lectures on machine learning and technical project supervision

Data Scientist Associate (Remote, 40 hours/week) *Mar 2021 – Aug 2021*

- Developed predictive Python models for hardware failure rates, enhancing risk analysis capability

UNIVERSITY OF CALIFORNIA **Santa Cruz, CA**
Junior Specialist, Dept. of Astronomy & Astrophysics (Remote, 40 hours/week) *Jun 2017 – Aug 2018*

- Independently researched the effects of clouds on the atmospheres of hot Jupiters for a peer-paper
- Synthesized a high-volume of telescopic data comparing theoretical physical models to real exoplanets

Resident Assistant (20 hours/week) *Sep 2015 – May 2017*

- Supported 800+ students through event planning and promotion of university policy

Christopher Ray Seay

c.seay.law@proton.me • (424) 366-2800 • Long Beach, CA 90802 • website • **L45097186**

- Mediated conflicts and provided front-line emotional, academic, or social support to 80+ residents

PUBLICATIONS AND PRESENTATIONS

- Clausen, D. R., Torii, M., **Seay, C. R.**, et al. (2026). Large Language Model Pre-Annotation and Selective Automation for Patient Experience Comment Coding: A Deployment Case Study. *Applied Clinical Informatics Open, Vol. #(Iss. #)*, A#. https://doi.org/10.1056/Ale1234567
- Bohn, A. J., et al. [including **Seay, C. R.**]. (2022). Unveiling wide-orbit companions to K-type stars in Sco-Cen with Gaia EDR3. *Astronomy & Astrophysics, 657*, A53. https://doi.org/10.1051/0004-6361/202039917
- Marley, M. S., et al. [including **Seay, C. R.**]. (2021). The Sonora Brown Dwarf Atmosphere and Evolution Models. I. Model Description and Application to Cloudless Atmospheres in Rainout Chemical Equilibrium. *The Astrophysical Journal, 920*(2), 85. https://doi.org/10.3847/1538-4357/ac141d
- Garhart, E., et al. [including **Seay, C. R.**]. (2020). Statistical Characterization of Hot Jupiter Atmospheres Using Spitzer's Secondary Eclipses. *The Astronomical Journal, 159*(4), 137. https://doi.org/10.3847/1538-3881/ab6cff
- **Seay, C. R.**, Wang, R., & Fortney, J. (2018, January). *Atmospheres of Brown Dwarfs* [Poster presentation]. 231st Meeting of the American Astronomical Society (AAS).

VOLUNTEERING AND COMMUNITY ENGAGEMENT

CALIFORNIA WORKING FAMILIES PARTY **Los Angeles, CA**
Member/Volunteer for Phonebanking, Canvassing *Jan 2024 – Present*

- Lead Long Beach WFP growth initiative, hosting monthly meetings, public outreach, and local advocacy
- Member of LA "Insights Cell," researching local and statewide legislature for policy proposals
- Lead phone banking sessions promoting CA referendums, propositions, and constitutional amendments
- Engage with local and state legislators lobbying for the WFP's policy positions

SOUTH LA SOUL MEN'S RUGBY FIELD CLUB **South Los Angeles, CA**
Elected Club and Board Vice President *Aug 2022 – Present*

- A 501(c)(3) Men's rugby club dedicated to fostering community engagement for inner-city residents
- Expanding the organization by introducing under-12, under-10, and under-8 youth teams
- Elected Secretary (2023–2025), then Vice President (2025–present)
- Manage inter-club communications, community outreach, and drive overall club strategy
- Previously managed field booking, logistics, and social outreach as Secretary

VOTE SAVE AMERICA **Los Angeles, CA**
Volunteer *Mar 2024 – Nov 2024*

- Canvassed, phonebanked, textbanked, and wrote postcards for various Democratic campaigns
- Participated in non-partisan voter registration assistance for unregistered voters
- Partnered with Environmental Voter Project to motivate climate-focused constituents to vote

LA REGIONAL FOOD BANK **Los Angeles, CA**
Project Leader *Nov 2020 – Dec 2021*

- Assisted in sorting and distributing food to underserved residents of Los Angeles
- Organized and managed all other volunteers within our organization (LA Works)

SKILLS AND INTERESTS

Skills: Python programming, statistics, LaTeX typesetting software, Jordanian Arabic (novice proficiency)
Interests: Music (90s rap and 80s synth), playing guitar, reading nonfiction or sci-fi, home barista, using Linux