

# Jackson Becker

323-369-6619 | 216 N Windsor Blvd, Los Angeles, CA, 90004  
[jacksonbckr13@gmail.com](mailto:jacksonbckr13@gmail.com) | [linkedin.com/in/jacksonbecker13](https://www.linkedin.com/in/jacksonbecker13) | [github.com/utcoop](https://github.com/utcoop)

## EDUCATION

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**Bachelor of Science Applied Physics, Minor in Computer Science** Sept. 2018 - May 2022  
*Ithaca College* Ithaca, NY

## EXPERIENCE

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**Sound Engineer** | *LA Sound* Sept. 2023 - Present

- Managed setup, operation, and optimization of sound equipment for live performances, ensuring exceptional sound quality and audience coverage.
- Fostered proactive communication with customers to guarantee timely, high-quality deliverables and address evolving needs effectively.
- Oversaw equipment inventory to ensure timely returns and accurate project capacity assessments.

**Patient Experience Technical Services Engineer** | *Epic System* Sept. 2022 - Sept. 2023

- Managed and resolved customer tickets effectively, resulting in high levels of customer satisfaction and trust.
- Communicated critical issues with key stakeholders successfully mitigating risk and enhancing customer success.
- Developed and deployed search scripts to identify and fix software configuration issues for customers.

**Research Assistant** | *Ithaca College* Sept. 2020 - July 2022

- Conducted local, quantitative climate research custom-built weather station, resulting in actionable data on greenhouse gas levels.
- Analyzed and visualized data on Carbon Dioxide and Methane levels along a designated route to identify gas sources and quantify greenhouse gas emissions.
- Designed and implemented experimental setups to enhance mobile data collection efficiency.

## PROJECTS

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**Super Tic-Tac-Toe** | *Java, Java Swing, React, HTML, CSS* Nov 2023 - Present

- Created the core logic for Super Tic-Tac-Toe by designing and implementing sequence and class diagrams.
- Developed the game logic and GUI for a local two-player version of Super Tic-Tac-Toe.
- Currently expanding the project to an online platform using web technologies.

**To-Do List App** | *Java, Kotlin, Android Studio* April 2024 - Present

- Built a feature-rich app from scratch, utilizing Android Studio, Java, and Kotlin for seamless user experience.
- Utilized online documentation to master use cases and syntax for features like notifications and time pickers.
- Applied object-oriented programming best practices to create clean, well-defined code.

**AWS Projects** | *AWS, Route 53, S3, CSS, Lex* Oct 2023 - Jan 2024

- Successfully hosted a static website on AWS using Amazon S3 and Route 53 in order to house other projects
- Created data visualizations using Amazon S3 and Amazon Quicksight, working with a large dataset of best-selling Amazon products
- Integrated an Amazon Lex ChatBot with Facebook Messenger, creating a responsive conversational interface.

**Web Scraping Discord Bot** | *Python, Discord.py, PokeAPI, Git, Requests Library, JSON* Sep 2021 - Nov 2023

- Created a bot to fetch and display user-requested information from an API, enhancing user engagement in a Discord server.
- Followed object-oriented programming principles for sustainable development and future improvements.

**Arduino Weather Station** | *Arduino, Git, I2C* Sept 2021 - Dec 2021

- Utilized the Arduino HC-06 Bluetooth module to enable communication between sensors and a phone app.
- Collaborated in an AGILE environment to develop a weather station using the Arduino ecosystem.
- Wired and programmed sensors to record temperature and humidity data with the Arduino API.

## SKILLS

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**Languages:** Python, SQL, R, Java, HTML, CSS, Latex, JavaScript

**Developer Tools:** Git, VS Code, Anaconda, Android Studio, AWS

**Leadership and Team Management:** Problem solving, Strong communication, Empathy, Patience

**Core Strengths:** Collaboration, Adaptability, Analytical thinking, Stakeholder engagement