James Liu

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EDUCATION

BOSTON UNIVERSITY *Boston, MA*   May 2027
- B.A. in Computer Science; B.A. in Philosophy + Psychology; Dean's List 2023-2025; CS Honors Society
- Activities: AI Society, CS Club, Game Development Club, Stock Trading Club, Tri-Alpha Honors Society
- Relevant Coursework: Intro to CS, Discrete Math, Computer Architecture, Computational Probability, Algorithms, Linear Algebra, Data Science Foundations, Web & Mobile App Development, R Statistical Analysis

BERGEN COUNTY ACADEMIES *Hackensack, NJ*   September 2019 - June 2023
- High School Diploma in the Academy For Medical Science Technology; GPA: 3.70/4.00; Honor Roll
- Relevant Coursework: Intro to SQL, Foundations of Computer Science, AP Calculus, AP Statistics

PROFESSIONAL EXPERIENCE

SPARK! Launch Lab - Frontend UI/UX Developer *Boston, MA*   October 2024 - Present
- Enhanced UI/UX for journaling app Neura's pages with React, CSS, TS to improve interface responsiveness
- Contributed to weekly sprints and coaching sessions with mentors to refine product strategy and milestones

BOSTON UNIVERSITY IT HELP CENTER – IT Specialist *Boston, MA*   August 2023 - Present
- Provided live support across Boston University's campus during classroom technology emergencies
- Performed routine maintenance and technical checkups during opening and closing hours
- Monitored tickets regarding reported client hardware, software, and internet issues

COMPSCILIB - Technical Beta Tester *Remote*   January 2024 - June 2024
- Collaborated with CompSciLib's development team to identify bugs and assisted in implementing new UI
- Tested and offered feedback on unreleased AI graph software, improving experience for thousands of CS students

HOMEGOODS – Compactor Operator/Truck Unloader *Paramus, NJ*   June 2023 - August 2023
- Unloaded trucks of 1,800+ boxes of merchandise before store opening hours
- Operated compactors to eliminate packaging waste in associate workspaces, optimizing store performance

MEADOWLANDS RESEARCH INSTITUTE – Lab Analyst Intern *Lyndhurst, NJ*   October 2022 - June 2023
- Collected water samples in 14 distinct locations across the Hackensack River for annual quality analysis
- Performed audits, distillations, titrations, evaporation, and calibrations to support ongoing research in laboratory
- Drafted and peer edited annual elevation change report, using data across 5 land-based sites
- Analyzed, organized. and updated annual environmental, sensor, and inventory data through Microsoft Excel

YMATH – Non-Profit SAT + Mathematics Tutor *Bergen County, NJ*   December 2021 - June 2023
- Offered one-on-one math tutoring sessions to families across Bergen County unable to pay for a tutor
- Taught grades 2-12 on all topics ranging from basic arithmetic to AP Calculus and SAT/ACT Prep

PROJECTS

BUFT   November 2024
- Designed a Next.js/Vercel app for Boston University students to explore nutritional values of dining hall items
- Utilized MongoDB for data storage, and Typescript, CSS, and MantineUI to deliver a seamless experience

Filler! (In Progress)   October 2024
- Building a realtime platform for users to play the iMessage game "Filler" online with node.js and socket.io
- Site also offers single player modes against ai opponents with scalable difficulty using game-state management

Wordel   September 2024
- Built a replica of the New York Times's Wordle using HTML, CSS, JS, but with dramatically increased difficulty
- Site parses through a JSON file to dynamically select winning word based on user's character placements

Weathermatic   August 2024 - September 2024
- Developed a lightweight and responsive weather app leveraging WeatherAPI, Flask, and Bootstrap frameworks
- Site offers real-time weather updates across all documented regions on Earth, with user adjustable interface