Avery Hinton-Watts

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EDUCATION
University of California, Irvine | Irvine, CA
Bachelor of Science: **Mathematics**   May 2025
UC Irvine Student Honor Society | *Member* | Irvine, California   January 2021 – Present
Courses: **Options Theory**, **Fixed Income, Probability Theory 2, Data Analyst Programming, Time Series**

Skills, Activities & Interests
American Sign Language Club | *Treasurer* | September 2022 - September 2023
- Provided risk-management assessments on potential events
- Budgeted 1000's of dollars of club funding to for a variety of expenditures
- Analyzed and systemized years of club funding records for better bookkeeping
- Formulated and led in the execution of innovative ideas for 2 fundraising events

Technical Skills: Python, SQL, PHP, MATLAB, HTML, CSS, JAVA
Activities: Finance Club, UC Investment Academy, Mathematical Finance Club, BSU

EXPERIENCE
Energy Innovation Capital | *Venture Capital Extern* | Irvine, California   June 2024 – August 2024
- Conducted market analysis & research on the energy sector
- Analyzed pitch decks to create concise investment summaries, highlighting viability and growth potential.
- Conducted due diligence on peer-drafted investment summaries, identifying strengths and weaknesses for better decision-making.
- Refined investment summaries and presented comprehensive market analysis to drive informed investment decisions.

UC Irvine HR | *Worker's Compensation/ Leaves Assistant* | Irvine, California   October 2023 – May 2024
- Intermediary for all worker's compensation concerns & inquiries
- Proficiently managed end-to-end projects lifecycle
- Managed and optimized the claim management system

Twouple | *Research Mentee* | Irvine, California   August 2023 – January 2024
- Graduate Level Abstract Linear Algebra research
- Python based matrix visualization project under advisement of Twouple mentor
- Engaged in advanced exploration of eigenvalue and eigenvector theory with a focus on abstract theoretical applications

Prism Animations | *Startup Founder* | Baltimore, Maryland   June 2018 – June 2022
- Played a comprehensive role handling all aspects within the startup, including advertising, development, and executive actions.
- Personally engaged with potential clients, fostering relationships to form a community and successfully attract over 100 active users.
- Utilized SQL, Java & PHP for back-end development, HTML & CSS for UX
- Conducted market analysis to identify and capitalize on opportunities in the video production space

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PROJECTS
- *Developing a Logistic Regression model for predicting horse racing outcomes through ongoing research*
  March 2023 – Present
- *Developing a Algorithm to calculate poker hand odds and equity*
  Feb 2024 – Present