

Ethan Clinick

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SUMMARY

Financial technology leader with a proven track record in developing and optimizing software for algorithmic trading and financial market insights. Skilled in building scalable backend infrastructures using cloud services and implementing AI-driven solutions that enhance financial data processing and predictive analytics. Experienced in leading cross-functional teams and delivering technology-driven products that drive measurable impact in high-paced financial services environments.

EXPERIENCE

Founder

Tan.ai

July 2024 – Present, Fall City, WA

- Developed and launched Tan.ai, an AI-driven iOS application providing personalized tanning advice.
- Created a seamless authentication process using UUID-based user identification, minimizing onboarding friction with a secure, account-free approach.
- Optimized backend architecture through AWS integration, enhancing data security and reducing latency by 25%.
- Implemented a custom-trained AI model for skin tone detection, leveraging OpenAI's API to provide personalized tanning recommendations while optimizing cost efficiency.
- Utilized image analysis techniques to generate data-driven user insights, enhancing the overall user experience and personalization.

Co-founder/President of Algorithms and Analytics

Vcrypt Software LLC

January 2024 – Present, Corvallis, OR

- Led the development of backend systems for financial market data solutions, utilizing Rust and Python with a React Native frontend, and integrated Stripe for payments and OAuth for secure authentication.
- Spearheaded the design and deployment of trading algorithms, including long-term, intra-week, and high-frequency strategies, hosting these solutions as cloud-based web services.
- Enhanced data processing efficiency by 30% through advanced algorithm optimization in Python, boosting predictive analytics capabilities for strategic decision-making.
- Secured initial funding by leveraging algorithmic performance, demonstrating business acumen in resource acquisition and user base expansion.

Founder

Bobcat Trading

December 2023 – Present, Corvallis, OR

- Established and led a financial community of over 30 college students, facilitating opportunities to earn additional income through market arbitrage alerts.
- Automated financial data collection and analysis using Python and financial APIs, reducing manual effort and enabling efficient market participation.
- Created a sustainable revenue model using a tested arbitrage strategy, generating consistent monthly income while fostering a collaborative and educational environment.

INVOLVEMENT

Public Relations

Oregon State University • Options Trading Club • January 2024 – Present

- Developed an automated system using Python (Selenium and Playwright) to scrape financial market data, delivering daily summaries and actionable trading insights to club members.
- Coordinated team efforts as a lead member, ensuring effective communication, accurate data delivery, and successful technical execution for our audience.

EDUCATION

Bachelor of Science Computer Science

Oregon State University • Corvallis, OR • 2022–2026 • 3.7
