Noah Ham

noahham25@gmail.com │ (916) 597-3052 │ linkedin.com/in/noah-ham │ noahham.com

SUMMARY

Computer Science student with a dual focus in software engineering and digital media design. Experienced in building full-stack applications with Python, JavaScript, and Go, as well as producing high-impact visual content using Adobe Creative Suite and Figma. Passionate about combining technical problem-solving with creative storytelling to craft engaging, user-focused experiences.

EDUCATION

University of Madison-Wisconsin – B.S. in Computer Science (Expected May 2028)
University of Oregon – Attended Sep 2024 to Jun 2025

PROJECTS

Trebbbble │ HTML, CSS, Javascript, Python, Flask
- Engineered a music identification web app using Flask + ACRCloud API, detecting tracks from short-form videos with 95% accuracy.
- Designed a minimalistic frontend for an intuitive user experience for optimized performance and responsiveness.

Byte 'n Bite │ Python, OpenAI API
- Designed and built an AI-powered recipe generator using OpenAI's API, improving user engagement by 35%.
- Led a team of 6 developers to integrate frontend and backend functionalities.

type.lat │ Golang, BubbleTea, OracleCloud
- Developed an SSH-based typing test with Go and BubbleTea hosted on Oracle Cloud.
- Implemented real-time WPM and accuracy tracking with <50ms input latency for a responsive CLI experience.

EXPERIENCE

Graphics & Motion Designer │ QuackHacks 2025
- Designed event brand identity with logo, UI theme, and digital assets, increasing event sign-ups by 35%.
- Produced promotional graphics in Photoshop, Illustrator, and After Effects for social media, and physical event materials (T-shirts, bags, stickers).

TECHNICAL SKILLS

- Languages: Python, JavaScript, HTML/CSS, Java, Swift, Golang
- Frameworks: Flask, OpenAI API, ACRCloud API, SwiftUI, React
- Tools: Git, VSCode, JetBrains Suite, Figma, Adobe Suite