

Noah Goo

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EDUCATION

Brigham Young University

Bachelor of Science: Computer Engineering

Apr 2027

Provo, UT

- GPA 3.96
- Full-tuition scholarship
- Dean's List, Ira A. Fulton College of Engineering – Fall 2024, Winter 2024

RELEVANT COURSEWORK

Brigham Young University

Final Grade: A

Apr 2027

Provo, UT

- CS: Data Structures | Discrete Structures | Adv Software Construction
- ECEN: Intro to Computer Systems | Circuits
- Math: Calculus 2 | Elementary and Computational Linear Algebra | Ordinary Differential Equations
- Science: Intro to Electricity and Magnetism | General College Chemistry

EXPERIENCE

Valley Women's Health

Aug 2022-May 2024

IT Assistant

Provo, UT

- Took on the majority of IT responsibilities after just two months of training, demonstrating strong adaptability and technical skills.
- Optimized the online ticketing system to improve the flow of information and enhance overall efficiency.
- Installed and replaced essential hardware for over 50 computers, ensuring seamless operation of systems.
- Independently resolved over 100 technical issues, utilizing problem-solving skills and online resources to troubleshoot effectively.

Class Projects

Aug 2022-May 2025

Team Member

Provo, UT

- Developed a fully functional smart doorbell using Raspberry Pi, featuring a photo capture capability and an intuitive user interface.
- Created a Python-coded survey application that automated the emailing of results for a religious class.
- Programmed several mini-projects, including a game inspired by "Plants vs. Zombies."
- Designed and implemented various data structures, including stacks, queues, priority queues, and binary trees, as well as sorting algorithms such as quicksort and insertion sort.
- Developed a full stack Chess application in Java with full gameplay functionality, allowing users to connect to a shared server and play real time matches.

Personal Projects

May 2023-Present

Solo Developer

Provo, UT

- Built multiple Arduino based projects, including a smart weather station with sensor integration and real time display.
- Co-developed a fully functional e-commerce website for a startup swimwear brand using modern web technologies and Stripe integration that sold more than 15% of inventory on launch day (*aiyuswim.com*).
- Designing a cross-platform personal budgeting app focusing on ease of use for couples.
- Developed a web app to track needed data for a Chick-fil-a franchise that allows team leaders to determine where they can improve.

ADDITIONAL EXPERIENCE

BYU Guest House

September 2024-Present

Student Host

Provo, UT

- Welcome and check in distinguished university guests staying on campus, ensuring a smooth experience.
- Facilitate casual yet informative conversations while transporting guests to various campus locations or responding to inquiries at the Guest House.
- Quickly resolve any issues that arise to maintain a pleasant and seamless experience for each guest.
- Engaged with guests from diverse cultural backgrounds, leveraging strong communication skills and cultural awareness.

Chick-fil-A

May 2024-August 2024

Team Leader

Kapolei, HI

- Rapidly mastered all kitchen responsibilities, earning a promotion to team lead within just two weeks.
- Contributed to improving service speed, reducing the average wait time from over 7 minutes to 4 minutes and 15 seconds during July.
- Fostered positive interactions with coworkers, serving as a role model for diligence and focus, contributing to a harmonious team environment.

Church of Jesus Christ of Latter-Day Saints

Sep 2020-Aug 2022

Full Time Volunteer Representative

Taipei, Taiwan

- Achieved proficient fluency in Mandarin within six months, demonstrating dedication and consistency.
- Managed multiple areas of fellow volunteers, fostering a collaborative environment for over 12 months.
- Created and promoted an online English Learning Group, attracting over 100 participants and enhancing language skills within the community.
- Organized and led a service carwash initiative for three months, successfully engaging over 60 participants in each event.

Boy Scouts of America

2018

Eagle Scout Award

Orem, Utah

- Talked with community leaders to identify a need for materials to assist immigrants in learning English.
- Organized a book drive for collecting Dr. Seuss books, known for their effectiveness in language learning.
- Successfully collected and distributed over 80 books to be used at immigration shelters.

SKILLS/INTERESTS/ACHIEVEMENTS/ABILITIES

- **Languages:** Advanced proficiency in Mandarin Chinese.
- **Technical Skills:** Proficient in C++, Java, Python, Git and Arduino; experience with embedded systems, web development, and AI productivity tools. Knowledge in HTML, SQL, JavaScript/React, AI Prompt Engineering.
- **Problem Solving:** Highly experienced in independent problem solving, especially using online resources for computer-related issues.
- **Competitions:**
 - Participated in the BYU Battle Bots competition.
 - Competed in the BYU Business School Case Competition.
- **Clubs:** Semiconductor and AI Policy | Cybersecurity
- **Athletic Activities:** Regularly participate in volleyball, basketball, golf, and surfing.
- **Outdoor Interests:** Passionate about camping, hiking, and backpacking (completed over 100 miles of backpacking).
- **Soft Skills:** Demonstrates strong empathy through active listening, goal-driven, and quick to learn new concepts through focused study and observation.