

Noah Goo

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EDUCATION

Brigham Young University Bachelor of Science: Computer Engineering	Apr 2027 Provo, UT
<ul style="list-style-type: none">▪ GPA 3.96▪ Full-tuition scholarship▪ Dean's List, Ira A. Fulton College of Engineering – Fall 2024, Winter 2024	

RELEVANT COURSEWORK

- **Computer Science:** Data Structures | Discrete Structures | Adv Software Construction
- **EC EN:** Computer Systems | Circuits | Circuit Design | Embedded Programming | Signals & Systems
- **Math:** Calculus 2 | Elementary and Computational Linear Algebra | Ordinary Differential Equations
- **Science:** Intro to Electricity and Magnetism | General College Chemistry

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, Java, HTML/CSS, SQL
- **Tools & Frameworks:** Git, Jira, AI Productivity Tools, LTSpice, MATLAB
- **Methodologies:** OOP, Agile Development
- **Hardware/Embedded:** Arduino, Raspberry Pi, ESP32, PCB design

EXPERIENCE

RocketFuel Parcel Recharge	Sep 2025-Present Provo, UT
<i>QA Intern</i>	
<ul style="list-style-type: none">▪ Tested web UI flows across multiple user scenarios, identifying usability issues and ensuring a consistent, bug-free experience.▪ Logged and tracked software defects in Jira, providing clear actions taken to reproduce bugs.▪ Performed API testing on newly integrated API endpoints accessible to users.	
Valley Women's Health	Aug 2022-May 2024
<i>IT Assistant</i>	Provo, UT
<ul style="list-style-type: none">▪ 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

<i>University Student</i>	Aug 2022-Present Provo, UT
<ul style="list-style-type: none">▪ Smart Doorbell: 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.▪ Full-Stack Chess Application: Built in Java with real-time multiplayer gameplay over a shared server.	

Independent Engineering Projects <i>Software/Hardware Developer</i>	Aug 2022-Present Provo, UT
<ul style="list-style-type: none"> Ecommerce website: Developed an e-commerce website (aiyuswim.com) using React, Stripe API, and responsive UI; achieved >15% inventory sales on launch day. Restaurant Dashboard: Built a web dashboard for a Chick-fil-a franchise using Firebase and Google Sheets API for operational data tracking. Mini Security System: Built using ultrasonic sensor, IR receiver, LCD, buzzer, and servo; programmed in C++ for motion detection and alarm triggering. AI Flashcard Generator: Built a macOS menu bar application that uses AI to create flashcards from highlighted text and integrate straight into Anki platform; currently developing into a startup product. 	

ADDITIONAL EXPERIENCE

BYU Guest House <i>Student Host</i>	Sep 2024-Present Provo, UT
<ul style="list-style-type: none"> 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. 	
Church of Jesus Christ of Latter-Day Saints <i>Full Time Volunteer Representative</i>	Sep 2020-Aug 2022 Taipei, Taiwan
<ul style="list-style-type: none"> 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. 	

ADDITIONAL SKILLS & ACTIVITIES

<ul style="list-style-type: none"> Languages: Advanced proficiency in Mandarin Chinese. Competitions: BYU Battle Bots; BYU Business School Case Competition Clubs: Semiconductor & AI Policy Club Athletics & Outdoors: Volleyball, basketball, golf, surfing; completed 100+ miles of backpacking Soft Skills: Goal-driven, empathetic listener, quick learner, strong independent problem solver
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