

Noah Goo

(385) 298-3702 • noahgoo10@gmail.com • linkedin.com/in/noah-goo • noahgoo.dev

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

- **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

QA Intern

Provo, UT

- 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

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-Present

University Student

Provo, UT

- **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

Aug 2022-Present

Software/Hardware Developer

Provo, UT

- **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

Sep 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.

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.

ADDITIONAL SKILLS & ACTIVITIES

- **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