

Scott J. Gilbert

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Summary

Hard-working full-stack developer and computer engineering student at the University of Illinois at Urbana-Champaign. Dedicated to deploying information technology, computing, and electrical solutions to solve complex problems.

Professional Experience

Team2Go Inc.

Web Development Intern | June 2025 - August 2025

- Deployed **Dockerized Next.js** web solutions for interacting with custom **OpenAI** Generative Pre-trained Transformers (**GPTs**)
- Implemented **streaming output**, secure credential **authentication**, form validation with **Zod**, and connections to **Amazon AWS**
- Maintained constant **dialogue** with executives and **exceeded** project expectations within a limited timeframe

Skills: TypeScript, TailwindCSS, Next.js, Auth.js, NGINX, PostgreSQL, Git, Github, Database Administration, Full-Stack Development

Illinois Congressional Debate Association (ICDA)

Volunteer Web Developer | May 2024 - August 2025

- **Principal** advisor to the ICDA oversight committee on web design and technical needs
- **Managed** team of peers that oversaw the **design, programming, testing**, and **deployment** of the ICDA website and **backend**
- Successfully deployed **long-term, user-oriented** web solutions on a full **LAMP stack** with **multimedia** and **React** elements

Skills: HTML, CSS, JavaScript, PHP, MySQL, React, Git, Github, REST API, Full-Stack Development, Database Administration

Spring Valley Nature Center (Schaumburg, IL)

Volunteer Solar Energy Advisor | October 2024 - April 2025

- **Collaborated** with management/senior-level volunteers to **organize** a **solar energy**-related informational presentation
- Conducted **fun, engaging, and hands-on** demonstrations on solar energy use with children and parents
- Devised an **Arduino** setup for recording temperature in **SQLite** and displaying it on a **Django** app with an infographic

Skills: Python, Arduino, Django, SQLite, Circuit Design, Solar Energy use, Database Administration

Projects

Personal Portfolio

May 2025-Present

- Developed a **Next.js** website linked to a **Neon Serverless Database**
- Implemented secure **OAuth** authentication, form validation, **markdown**-based information output, and **incremental rendering**
- Currently working on **self-hosting** in the future with my own **VPN, reverse-proxy**, and **DNS**

Skills: TypeScript, TailwindCSS, Markdown, Next.js, Auth.js, Motion, MDX, PostgreSQL, Git, Github, Full-Stack Development

Education

University of Illinois at Urbana-Champaign

GPA: 4.000

Activities and Societies: Campus Honors Program, Illini Solar Car, IEEE UIUC, Marching Illini

Relevant Coursework: Calculus III (MATH 241), Intro to Differential Equations (MATH 285), Intro to Computing (ECE 120)

Skills: C, C++, Vivado, KiCad, MCUXpresso

James B. Conant High School

Weighted GPA: 4.917 | **Unweighted GPA:** 4.000

Activities and Societies: Congressional Debate (captain), Marching Band (trombone section leader), Jazz Band (first chair), Honors Orchestra (first chair), Honor Band, Cross Country, Track and Field, National Honor Society

Relevant Coursework: AP Calculus BC, AP Computer Science A, AP Physics C

Other Volunteering

Eagle Scout | Scouting America | Mar 2018 - Dec 2024

- Completed **over 50 hours of service** with different organizations
- Planned, organized, and **coordinated** a **trail restoration effort** where volunteers contributed **over 100 hours of service**

Student Representative | Village of Schaumburg | Mar 2024 - Nov 2024

- Labor Day festival with **over 100k+ attendees**
 - Represented **2,600+** students and multiple local organizations during **planning committee** meetings
 - **Coordinated** festival volunteers from Conant and **volunteered over 20 hours** at the fest
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Awards

National Merit Scholarship Winner, Eagle Scout, AP Scholar with Distinction, Illinois State Seal of Biliteracy, 3rd in State Congressional Debate, President's Volunteer Service Award - Gold Medal