

# 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.

## Relevant Skills

JavaScript	React	SQLite	Circuit Design
TypeScript	Node.js	MySQL	Database Administration
CSS	Next.js	PostgreSQL	Full-Stack Development
HTML	Docker	Git/Github	Solar Energy Use

## Professional Experience

**Team2Go Inc.** June 2025 - August 2025

### Web Development Intern

Developed and deployed two Next.JS-based websites using Docker, NGINX, and PostgreSQL with custom plugins. Leveraged the OpenAI API and knowledge of Large Language Model psychology to create a full-stack, user-centered platform for deploying and chatting with custom GPTs at a low cost, with high accuracy, and with low hallucination rates.

**Illinois Congressional Debate Association (ICDA)** May 2024 - August 2025

### Volunteer Web Developer

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

**Spring Valley Nature Center (Schaumburg, IL)** October 2024 - April 2025

### Volunteer Solar Energy Advisor

Worked with administrators and senior level volunteers to organize and implement projects related to applications of solar energy at the nature center. Responsibilities involved product acquisition, software engineering, circuit design, limited electrical work, and public interaction.

## Education

**James B. Conant High School** Graduation May 2025

Weighted GPA: 4.917 | Unweighted GPA: 4.000

Activities and societies: Congressional Debate (captain, 2 years), Marching Band (section leader, 2 years), Jazz Band (first chair, 3 years), Honors Orchestra (first chair, 2 years), Honor Band, Cross Country, Track and Field, National Honor Society

**University of Illinois at Urbana-Champaign**

2024-Present

Dual enrollment MATH 241 Calculus III from 2024-2025

B.S. Computer Engineering from 2025-present

**William Rainey Harper College**

2024-2025

Dual enrollment ENG 101 & SPE 101 Composition I, Speech Communications

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**Relevant Coursework****AP Calculus BC** | M479 | James B. Conant High School**AP Computer Science A** | M359 | James B. Conant High School**AP English Language and Composition** | E319 | James B. Conant High School**AP Physics C** | S469 | James B. Conant High School**Calculus III** | MATH 241 | University of Illinois at Urbana-Champaign**Intro to Differential Equations** | MATH 285 | University of Illinois at Urbana-Champaign**Intro to Computing** | ECE 120 | University of Illinois at Urbana-Champaign

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**Other Volunteering****Eagle Scout** | Scouting America

Mar 2018 - Dec 2024

Completed 50 hours of service with organizations across multiple states. Planned, organized, and led a coordinated trail restoration effort at Spring Valley Nature Center, during which volunteers contributed over 100 hours of service. Held five different Boy Scout Troop leadership positions: Patrol Leader, Den Chief, Troop Guide, Assistant Senior Patrol Leader, and Chaplain's Aide.

**Student Representative** | Village of Schaumburg

Mar 2024 - Nov 2024

Represented 2,600+ Conant students and multiple student/local organizations during planning committee meetings for Septemberfest, an annual Labor Day festival with over 100k+ attendees. Coordinated festival volunteers from my school and volunteered over 20 hours working at the fest.

**English Tutor** | Chicago North Shore Chinese Center

Jan 2020 - Jan 2021

Assisted teachers in weekly classes by supervising students and handling attendance. Taught basic alphabetic, vocabulary, and grammar skills to ESL learners from overseas.

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**Awards**

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

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**References**

Available upon request