# Brandon Forseth

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## Computer Engineering Student at the University of Notre Dame

I'm currently a passionate first year engineer excited to learn and grow as much as I can in the field. Some topics that spark my interests right now are semiconductors, artificial intelligence, and other facets of engineering related to computer hardware and software. I'm always looking to grow as an engineer and won't let any opportunities to flourish slip through my fingers.

## EDUCATION

**University of Notre Dame '28**                                                                                      Notre Dame, IN
Computer Engineering (BS)| Engineering Corporate Practice (Minor)                                    GPA: N/A
**Previous Institution:**                                                                                                   Chandler, AZ
Seton Catholic Preparatory - *Valedictorian*                                                                     May 2024

## ENGINEERING EXPERIENCE

**First Robotics Competition**                                                         August 2021-February 2024
*Team Captain, Head Programmer, Electronics Team Member*
- Lead a group of around 15 active members in creating and implementing a robot design over the course of three months while facilitating creative thinking and teamwork.
- Lead the programming team in coding up the 2023 and 2024 robot software in Java
- Developed sufficient skills in Java class based programming.
- Gained experience integrating sensors and code to create a complex yet efficient robot.
- Was a member of the electronics team and consistently contributed to robot wiring related tasks

**IrishSAT at Notre Dame**                                                                      August 2024-Present
*Electronics/Power Team Member*
- Primarily working on programming a state machine in c language along with other tasks involving programming and electronics for the club's cube satellite.

**CS4Good at Notre Dame**                                                                   August 2024-Present
*Full Stack Development Team Member*
- Working with a team to develop a website for a nonprofit using React and Flask frameworks.

## OTHER EXPERIENCE

**Albertsons**                                                                           July 2023 - February 2024
*Courtesy Clerk*
- Gained valuable experience in interacting with customers, co-workers, and providing various services

## OTHER ACTIVITIES

**Scouts BSA: EAGLE SCOUT RANK**                                            February 2016 – August 2023
*Senior Patrol Leader (1yr), Patrol Leader (1yr), Scribe (2yrs), Webmaster(3yrs)*
- *Organized a group of ~15 Boys to complete service projects and various activities for the betterment others and ourselves as the Senior Patrol Leader and Patrol Leader*

## SERVICE

*AV Minister and Altar Server*, St. Benedict Catholic Church, Phoenix, AZ        February 2012  – August 2024
200+ Hours Serving Various Organizations as a Boy Scout                              February 2016 – August 2023

## SKILLS

| - Java | - Python | - Javascript | -C | - HTML |
|--------|----------|--------------|-----|--------|
| -CSS | -Node.js | -React | - Customer Service | - Leadership |