George Schaefer

🎓 Education

Illinois Institute of Technology | *Class of 2021*
> Studying at IIT to earn my bachelor's degree in computer science with a cumulative GPA of 3.65 and a major GPA of 3.6.

Plano ISD Academy High | *Class of 2017*
> The academy is a project-based STEM school that helps students grow teamwork, project management, and communication skills as they study.

🚶 Experiences

2019 – Present | Researcher in Illinois Tech Computational Design Lab
> The computational design lab is an independent study program at IIT. We use ideas in computer science to shape architectural design and urban planning. I lead a project that uses agent-based modeling to study patterns in the occupancy of public spaces.

2019 – Present | Teaching Assistant at Illinois Tech
> I teach Illinois Tech's Introduction to Object Oriented Programming course. With my help students develop an understanding of classes, methods, and other key features in java. I am responsible for leading labs, grading work, and holding office hours.

2017 – Present | Certified Trainer at Potbelly
> Training new team members on all areas of the shop from the prep station to the cash register. Coaching them through the customer interactions that create the Potbelly experience.

2013 – 2017 | Engineering Director of Titan Solar Car Club
> Organized a group of students to design and build a full-sized car with the goal of competing in the Solar Car Challenge. In 2016 under my leadership, the team won 1st place in electric vehicle division.

2016 | Engineering Intern at AMX by Harman
> Assisted the Principal Engineer at AMX while he developed a new product for the company. I learned what this process was like by helping source components, assembling prototypes, and discussing the design.

🛠 Skills

- Programming in Python, Java, NetLogo, and C
- Complex Systems Modeling
- Using Microsoft Office and G Suite for spreadsheets, document design, and presentations

🖌 Interests

- Industrial Design
- CAD Modeling – Fusion 360
- 3D Printing – FDM
- Road Cycling
- Rock Climbing

✉ GeorgeSchaef@gmail.**com**   🔗 **linkedin.com/in/georgeschaef**