

# Alex Nickl

1131 Lawrence Drive, Mundelein IL, 60060  
(847)951-9005 – al3x.nickl@gmail.com - anickl.github.io

## Education

### University of Illinois Urbana-Champaign

Bachelor of Science – Engineering Physics

Concentration in Computational Physics

Minor in Mathematics

AUG 2018 – MAY 2022

## Work History

Physics Department Research Assistant - PER, Selvin Lab, Dahmen Lab (June 2021- MAY 2022)

- Assisted in analysis of data and production of tools to interpret data
- Co-Author of research paper
- Being able to get up to speed quickly in order to contribute as fast as possible

Teaching Assistant - Elec & Mag (AUG - DEC 2020)

- Instructed 2 lab sessions alongside office hours totaling about 10 hours/week
- Gave lessons and assisted with students in questions and understands of electricity and magnetism

POINT (SEP 2021 – Present)

- Building of educational tools to teach about einstein's theory of gravity to middle and high schoolers
- Use of Unity game engine in a team setting

Private Tutoring (2018-Present)/Veritas Music & Learning Center

(NOV 2023- Present)

- Math, Physics, Chemistry, Office.
- Worked to help solve and explain a vast array of problems for students

## Skills

- Familiarity with many programming languages: Python, HTML/CSS, JS, Java, C++, scripting
- Photo editing, Video editing, CAD, and many other 3d building/rendering programs (6+ years of experience)
- 3 years of experience with blender involving functions in 3-d space. Some recognition for work in texture space

## Certifications

- Microsoft Word, PowerPoint, and Excel

## Languages

- German - Conversational
- Finnish - Beginner

Portfolio of my work at [anickl.github.io](https://anickl.github.io) and <https://www.tumblr.com/djskiskyskoski>