

# Dawid Bycul

Undergraduate Student - Computer Engineering - University of Illinois at Urbana-Champaign

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## Education

Graduation in progress in Computer Engineering

**University of Illinois at Urbana-Champaign**

August 2019 – May 2022    Urbana-Champaign, Illinois    GPA: 3.89

- ECE James Scholar (Top 20% of incoming Freshman Class)
- Co-Treasurer of Illini Esports and Assistant Coach for the Varsity League of Legends Team



High School Diploma

**Downers Grove North High School**

August 2015 – May 2019    Downers Grove, Illinois

- High Honor Roll for all semesters
- Vast technical documentation experience through PLTW Engineering; including Senior Capstone Project

## Work Experience

Course Aide for Freshmen Electronics Project Lab

**University of Illinois at Urbana-Champaign**

January 2020 – Present    Urbana-Champaign, Illinois

- Led Freshmen in research and project creation for their area of interest, facilitating and inspiring communication and collaboration
- Maintained communication about various groups' progress with lead course aide and course professor
- Gained knowledge of various electronics topics like digital logic, power electronics, and other circuitry

## Activities and Achievements

### Career

- Created a bicycle turn-signal and accompanying app. This turn-signal displayed left and right turns from the Google Maps API on handlebar lights and allowed the driver to signal a turn manually
- Leader of the Real-World Design Challenge team senior year of high school
- Accredited diploma for completing Polish School (Polska Szkoła w Lombard | Addison, Illinois)
- National Honor Society junior and senior year of high school as well as consistent volunteer at Feed My Starving Children

### Personal

- Leader of teams that placed competitively in various League of Legends competition. Including coaching a team to the top four (out of 16) teams in the 2020 UCLA Invitational for Illini Esports

## Skills

### Programming Languages

C, C++, Assembly, Verilog, Kotlin, LaTeX

### Environments

- Autodesk Inventor
- Adobe Suite
- Google and Microsoft Office Suite
- Streaming Software
- Linux and Windows

### Technical Skills

- Optimizing Computer Performance
- Soldering
- Consumer Networking
- Audio Equipment Setup

### Communication

- Fluent in Polish and English languages and experience with French language
- Expertise in communicating in a high stress performance environment

## Areas of Interest

- Audio Equipment
- Computer Hardware
- FPGAs
- Software Development