ALI GUZELYEL

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EDUCATION

- **Illinois Institute of Technology, Chicago, IL** | GPA: 4.0/4.0 *Aug 2019 – May 2023*
  B.S. in Computer Science
- **Relevant Courses:** Data Structures, Discrete Structures, Calculus I-II-III, Elementary Linear Algebra, Computer Organization, Systems Programming, Prog. Languages and Translators, Object Oriented Prog. I-II
- **Clubs:** Association for Computing Machinery (ACM), Machine Learning at IIT (ML@IIT)

KEY SKILLS

- **Languages:**   **Java**, **Python 3**, HTML, CSS, JavaScript, C#, C
- **Tools:**   **Visual Studio** (2017), **Jupyter Lab**, Eclipse, GitHub, Mathematica

WORK EXPERIENCE

Keystone Kids Academy
  Weekend School Group Leader and Teacher *December 2020 – present*
- Hold weekly meetings with 9 teachers to prepare lesson plans, curriculum, and teaching materials.
- Check class progress, shadow the teaching interns, communicate with the parents and give feedback
- Organize and monitor virtual platforms like Google Drive, Google Classroom, Zoom for 40 students

  Volunteer Teacher *Sep 2019 – Dec 2020*
- Taught Values Education and Turkish classes for K-5

Software Engineer Intern Team Lead – Ozyegin University *June 2019*
- Created a Virtual Reality game in Unity using C#.
- Acted as the lead programmer and coordinated with the design team.
- Solved the encountered problems together with teammates, presented to the academic committee.

PERSONAL PROJECTS

more in GitHub

Personal Website – Portfolio (aliguzelyel.github.io)
- Created a personal website using HTML and CSS

DemProfits – Demand-Profit Calculator for Finance *Aug 2020*
- Created an app that computes best prices and amounts given Microeconomics equations using Java.
- Tested and confirmed that it works in real life problems up to x^{10} for complex polynomials.

Smart Home – Electronic Management System *May 2020*
- Created an app with Java that controls the smart appliances in houses.
- Successfully passed simulator tests to manage a city's electricity usage.

ACTIVITIES

Volunteer at Disaster and Emergency Management Presidency (AFAD) *2017 – June 2020*
- Had First Aid and Emergency Management Training

Music Band – Guitarist *2017 – present*
- Planned concerts and played in the band as the guitarist.

Hackathons Attended: DemonHacks (DePaul), UncommonHacks (UChicago) *2019 – 2021*