

# Josef Zaggoti

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Currently a junior attending university looking for both a part-time software development position during the school year and an internship for the summer of 2020. I am inspired by technology and driven to solve every problem effectively and creatively.

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## EDUCATION

**Illinois Institute of Technology:** Chicago, IL  
Bachelor of Science in Computer Science  
Minor in Business Administration

Aug 2017 - May 2021  
Major GPA: 3.75/4.00

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## PROJECTS

### Interprofessional Agile Project (Public Safety)

Aug 2019 - Dec 2019

Worked in a team of five students to identify and attempt to solve a real-world problem that exists in the sphere of public safety. The problem that my team identified was package theft in suburban and urban areas and developed a product to help prevent it from happening. The product was a large mailbox for postal workers could easily insert packages into but would require a key to access the packages already inside.

### Database for a Medical Clinic

Jan 2019 - May 2019

Developed a database along with an interface that would allow doctors, staff, and patients to do various things such as scheduling appointments and checking their bills. This was done by assigning different roles with different permissions to various people depending on what is expected of them. The database was developed in PostgreSQL and the interface was developed in Python.

### Minimal MIPS Disassembler

Jan 2019 - May 2019

Created a program in C which reads MIPS Assembly instructions from text files in the form of binary strings and converts them into their equivalent text assembler instructions while keeping track of the appropriate memory addresses relevant to each instruction. The program then prints the output in a formatted manner.

### Traffic Stop Light Simulator

Jan 2018 - May 2018

Developed a program in Java that can simulate street intersection situations with potential cars in different locations each time. This program determines what the cars should do in each situation along with how the stop light should change colors. This was accomplished with object-oriented programming techniques.

### Raspberry Pi Sense HAT Mini Games

Aug 2017 - Dec 2017

Used Python to create a few minigames for a Raspberry Pi Sense HAT which has an 8x8 pixelated screen. This required manually constantly refreshing the screen and learning to use API's to use everything to its fullest potential including accelerometers, joysticks, and thermometers.

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## EXPERIENCE

### LifeStart

Dec 2019 - Present

Gym Front Desk Attendant

### McDonald's

May 2018 - Aug 2019

Cashier

### Prospect Airport Services

Mar 2017 - Jun 2017

Airport Passenger Service Assistant

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## LANGUAGES, SKILLS, AND TOOLS

**Programming Languages:** C, Java, Python, Haskell

**Database Management:** PostgreSQL

**Markup Languages:** HTML(+ CSS), Markdown

**Languages:** English, Moroccan Arabic, Elementary French