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## Grant L. Garrett-Grossman

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<https://ggarrettgrossman.ddns.net/> • <https://github.com/FakeNameSE>

### EDUCATION

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**University of Illinois at Urbana-Champaign**, College of Engineering ▪ B.S. in Computer Science ▪ Expected 2022

**Lycée Français de Chicago**, Chicago, IL ▪ French Baccalaureate ▪ June 2018

- Completed S (scientific) track for the French Baccalaureate program with Latin and OIB American Section Option which includes advanced level English, history, and geography classes taught in English and French.
- GPA: 4.0/4.0
- Received score of 19.2/20 on the French Baccalaureate exam with Highest Honors.
- Awarded Commendations of the Jury on the French Baccalaureate, an exceptional distinction reserved for scores above 18/20.

### ACADEMIC ACTIVITIES AND AWARDS

**Global Leaders Program**, Chicago, IL

April 2016 – June 2018

Two-year academic enrichment program for Chicago-area high school students that inspires high-achieving youth from across the city to lead and serve through STEM (science, technology, engineering, and math) and supports their path to higher education.

- Selected as one of 61 students admitted to the program out of a total of 350 applicants.
- Chicago Housing Authority chose proposal as best of four other projects to achieve goal of building a greater sense of community in Legends South (a mixed income residential neighborhood).
- Forum Studio chose proposal as best of five other projects to design a remodeled office space to improve wellbeing and productivity.

**Model United Nations**, Chicago, IL

September 2015 – June 2018

- Attended school club meetings as well as six conferences. In first year as delegate, awarded honorable mention at the *Michigan State University Model United Nations Session 16*.
- Member of Secretariat.
- Developed and ran in partnership with other members of the Secretariat mock committees to train delegates.
- Visited the Extraordinary Chambers in the Courts of Cambodia, which is a hybrid U.N. and Cambodian court established to try the senior leaders and those most responsible for the Khmer Rouge's alleged violations of international law and serious crimes perpetrated during the Cambodian genocide.

**Lycée Français de Chicago Science Fair**, Chicago, IL

Winter 2015 – Spring 2017

- In 10<sup>th</sup> grade, awarded 1<sup>st</sup> place in entire high school. Studied artificial intelligence with project: "How can we use systems already existing in nature to build a better AI?" Continued project independently after science fair (received Google FOOBAR invitation while working on project). Project link: <https://github.com/FakeNameSE/Boids-with-obstacles-and-goals>
- In 11<sup>th</sup> grade, awarded 1<sup>st</sup> place in entire high school. Studied artificial intelligence and deep learning by building a convolutional neural networking to recognize handwritten digits in pictures drawn by the jury.
- In 6<sup>th</sup> through 8<sup>th</sup> grades, awarded 1<sup>st</sup> and 2<sup>nd</sup> place in grade.

**Olympiades de Géosciences**, Chicago, IL

Spring 2017

- Finished out 44 of 830 in French world-wide global high school geoscience competition, making the official prize list of the top 65 students and finishing with high honors.

**Olympiades de Mathématique**, Chicago, IL

Spring 2017

- Finished with honors in French world-wide global high school math competition.

**Algorea**, Chicago, IL

Winter 2016 – Spring 2017

- Qualified for semifinals in world-wide French high school computer science competition, unable to proceed because of French nationality requirement for next rounds.

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### CIVIC LEADERSHIP AND VOLUNTEERING

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#### **Freegeek Chicago, Chicago, IL**

March 2015 – Present

Not-for-profit community organization that recycles used computers and parts to provide functional computers, education, internet access and job skills training to those who want them.

- Volunteer building low cost computers. Supervised Testing Department. Being mentored into selective Laptop Program. Lead weekend work on iMacs and wrote installer script.
- Qualified as full voting member on community council.
- Selected to teach orientation class educating new volunteers on the values and goals of Freegeek, and technical information.
- Repaired Freegeek networking infrastructure (including switches and building a GNU/Linux based softrouter).

#### **United Innovators, Chicago, IL**

August 2016 – June 2018

Year long Community Innovation Project sponsored through a \$1000 grant by the Global Leaders Program to increase diversity in STEM.

- Cofounder.
- Designed logo.
- Designed, developed, and wrote content for website (link: <https://unitedinnovators.github.io/>).
- Developed and ran computer science and mathematics workshops.
- Extended project beyond year through partnership with Hyde Park Neighborhood Club.
- Community Innovation project awarded Greatest Social Impact by judges.

### EXTRA CURRICULAR ACTIVITIES

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#### **Lycée Français de Chicago high school soccer team, Chicago, IL**

Fall of 2014 – Fall 2018

- Team member.

#### **Lycée Français de Chicago Peer Tutoring Program, Chicago, IL**

September 2014 – June 2018

- Recommended by teachers to be one of two peer tutors in grade. Tutored 6<sup>th</sup> to 10<sup>th</sup> graders in French, German, History, Geography, and Math.

#### **Columbia Sailing School, Chicago, IL**

September 2014 – July 2018

- Sailed 420s during summer and fall as both skipper and crew. Received Sportsmanship Award.

### ADDITIONAL SKILLS

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#### **Technology skills**

- Self taught and proficient in several programming and scripting languages (Python, bash, C++ and C, Java, HTML, Markdown, and CSS).
- Familiar with using the Git version control.
- Practical experience with networking and servers through repairing Freegeek infrastructure and building home web-server.
- Practical web development experience through creating personal site and United Innovators site using static site generator Jekyll, as well as a machine learning web application.  
(Project link: <https://conspiracydetector-web.herokuapp.com/>).

#### **Language skills**

- Fluent in French (spoken and written).
- Proficient in German (spoken and written).