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## Grant L. Garrett-Grossman

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### 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 and 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 well-being 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.

**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 past because did not meet 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. Led 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 on technical information.
- Led Freegeek networking infrastructure upgrade (including work on managed switch, server, 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.
- Developed and ran computer science and mathematics workshops, designed, developed, and wrote content for website (link: <https://unitedinnovators.github.io/>), and designed logo.
- 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), as well as 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/>).
- Practical collaborative cross-platform mobile app development experience with React-Native through team class project in CS 196 and later subsequent work. (Project link: <https://github.com/FakeNameSE/iFeel>).

#### **Language skills**

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