

# Nicholas Chernogor

347-757-1508 ▪ nac86@cornell.edu ▪ Ithaca, NY  
linkedin.com/in/nicholas-chernogor ▪ nickchernogor.github.io

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## EDUCATION

**Cornell University, College of Arts & Sciences** - Ithaca, NY

**August 2021 - Expected May 2025**

*Bachelor of Arts, Double Major in Computer Science and Linguistics*

- **GPA:** 3.90
  - **Relevant coursework:** OO Programming & Data Structures ▪ Discrete Structures ▪ Functional Programming ▪ Analysis of Algorithms ▪ Computational Linguistics ▪ Natural Language Processing ▪ Probability & Statistics
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## EXPERIENCE

**Research Assistant | Bowers CIS Undergraduate Research Experience (BURE)**

**May 2023 - Present**

*Cornell Ann S. Bowers College of Computing and Information Science*

- Collaborating with Prof. Cristian Danescu-Niculescu-Mizil and research group of undergraduate and graduate students on conversation forecasting project predicting antisocial results in online discussions
- Designing and developing interactive web games using HTML, CSS, Javascript, and PHP to establish human baselines for forecasting tasks, and managing database of questions and results using SQLite
- Creating human conversation summaries and instructions to train and optimize GPT-generated summaries

**Research Assistant | Nexus Scholars Program**

**May 2022 - July 2022**

*Cornell University College of Arts & Sciences*

- Selected for full-time research program as one of 50 inaugural Nexus Scholars from pool of 320 applicants
  - Researched Gayogohó:nq' (Cayuga) language morphology and revitalization under Prof. John Whitman
  - Gave UX feedback on in-development Java and HTML Cayuga-English online dictionaries
  - Created teaching materials for classes geared towards members of Cayuga diaspora learning the language
  - Presented background, methods, and results of research project to a group of undergraduates and faculty
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## SKILLS

- **Languages:** Java, Python, OCaml, HTML, CSS, Javascript, C, PHP, SQLite
  - **Tools:** Git, GitHub, Visual Studio Code, Jupyter Notebook, Atom, Eclipse
  - **General:** Communication, attention to detail, teamwork, organization, public speaking
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## PROJECTS

**Data Analysis and Visualization of Survey Respondents | Python**

**December 2022**

- Conducted sociolinguistic survey of 38 students via Qualtrics, investigating language use and community
- Used Python with Matplotlib library and Networkx package to parse CSV file, analyze data, and create line graphs and color-coded directional social networks for accessible presentation of data in a final paper

**Image-generating Pomodoro Productivity Timer | OCaml**

**September 2022 - December 2022**

- Collaborated in a team of four developers using a GitHub repository to write program of 1600 lines of code
  - Developed graphical user interface with adjustable settings and real-time progress display functionality which generated art of a grass field and animation of a cat to display during work and break sessions
  - Regularly communicated with project manager to update on progress and seek out advice and input
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## HONORS AND AWARDS

- **Dean's List of the College of Arts & Sciences:** Fall 2021, Spring 2022, Fall 2022, Spring 2023
  - **Pauline and Irving Tanner Dean's Scholar:** Recipient of \$5,000 scholarship; selected upon admission to the Cornell University College of Arts & Sciences as part of a small, distinguished group of students demonstrating enthusiasm for the life of the mind and possessing outstanding high school records
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## EXTRACURRICULARS

- **House Officer,** Redbud Co-operative in Von Cramm Hall
- **President,** Cornell Undergraduates in Linguistics
- **Member,** Cornell Progressives

**August 2023 - Present**

**May 2023 - Present**

**September 2021 - Present**