

# Nicholas Chernogor

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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:** 3.83
  - **Relevant coursework:** OO Programming & Data Structures ▪ Discrete Structures ▪ Probability & Stats ▪ Functional Programming ▪ Algorithms ▪ Computational Linguistics ▪ Natural Language Processing ▪ ML
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## EXPERIENCE

**Teaching Assistant | CS 4300: Language and Information**

**January 2024 - Present**

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

- Holding weekly office hours to individually support students with Python programming and course concepts including information retrieval, sentiment analysis, social analysis of text, and machine learning
- Assisting in creation and grading of course assignments for class of 200+ students in weekly staff meetings

**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 grad and undergrad students to further a conversation forecasting project predicting antisocial results in online discussions
- Developing web games using HTML, CSS, Javascript, and PHP to gather human data for research project
- Leveraging Python and Matplotlib to analyze SQLite database of web game results
- Defining annotation/summarization task for capturing conversational dynamics used for baseline automated methods and writing 50 human summaries as co-author to a paper

**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
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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
- Leveraged Python with Matplotlib and Networkx libraries 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 4 developers using a Git 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 and animations 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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## SKILLS

- **Programming Languages:** Python, Java, OCaml, HTML/CSS, Javascript, C, PHP, SQLite
  - **Tools:** Git, GitHub, Visual Studio Code, Jupyter Notebook, Atom, Eclipse
  - **Libraries/Frameworks:** Matplotlib, NumPy, pandas, NLTK, PyTorch
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## HONORS AND AWARDS

- **Dean's List of the College of Arts & Sciences:** All semesters
  - **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

- **President,** *Cornell Undergraduates in Linguistics*; **Member,** *Cornell Progressives*