



Benjamin Evanoff

+1 (815) 671-7527

benjaminivanoff99@gmail.com

<https://github.com/benevanoff>

Education

University of Illinois at Urbana-Champaign
Bachelor's Degree 2020 - 2023

Major: Linguistics, Minor: Computer Science

Relevant courses: Data Structures, Discrete
Mathematics, Calculus, Statistical Analysis

Programming Skills

Languages: C++, Python, Java,
R, PHP, SQL, JavaScript, C#
Frameworks/Libraries: Qt,
Boost, Unity

Language Skills

English, French, Spanish

Relevant Experience

Course Assistant - UIUC Dept. of Computer Science	Jan 2022 - Present
I currently work in the computer science department at my school as an undergraduate course assistant for the second course in UIUC's computer science curriculum, CS 128. My responsibilities include holding code review and tutoring sessions during office hours, helping instruct weekly labs, and as a member of the course infrastructure development team I help maintain the course online office hours web application . Technologies: PHP, JavaScript, MySQL	

Undergraduate Research Assistant - UIUC Linguistics	Jan 2021 - Present
* Performed data annotation and data formatting on an audio corpus for use in training a machine learning program to detect irony in natural speech based on formant frequencies and prosodic cues. * Assisted in the building of a digital corpus from data collected at UIUC's second language and bilingualism lab for analysis by supervising professors. Technologies: Python, Praat, Audacity, CLAN	

Sample Projects - [view entire portfolio](#)

XMR-Sweeper Monero transactions are encrypted and therefore it is necessary to scan the blockchain for owned transaction outputs, a computationally expensive and time consuming task. This program allows you to easily consolidate ownership of TXOs from an arbitrarily large set of keys to a single key pair.

PGP-Snap A desktop application built in Python meant to mimick the functionality of snapchat but when a picture is taken it is immediately asymmetrically encrypted for the recipient and then sends the encrypted data to an FTP server so that the server operator can never see the picture contents.

Forest Forever A 2D video game I built with some classmates where the player must fend off mean animals in a forest.
