Daniel Denenberg

656 N 56th St. ⧫ Omaha, NE 68132

danny@denenberg.com ⧫ https://github.com/dannydenenberg

650-793-0157

Professional Experience	
2019	**GALLUP, INC.** **OMAHA, NE**
	Software Developer Intern

- Assembled a database of Gallup related textual information (FAQs, Gallup YouTube Video transcriptions, Gallup blog posts) via web-scraping using Node.js and Puppeteer (NPM package).
- Linked the database to our search engine utilizing an Artificial Neural Network (LSTM) to associate search queries with information from the database

2018-2019	**Technical Intern**

- Designed and developed a `hackable` voice command assistant for a Raspberry Pi (on GitHub).
- Implemented effective Speech-to-Text methods using Google's Cloud APIs.

2018	**UNIVERSITY OF NEBRASKA AT OMAHA** **OMAHA, NE**
	Cybersecurity Intern

- Created and deployed a Capture the Flag cybersecurity challenge for UNO students utilizing Facebook's CTF API. Questions involved encryption, authentication, HTTP protocols, and IoT general questions.
- Assisted Ph.D. cybersecurity student with analysis of audio results from her project on defensive internet security using Google's Text-to-speech and speech-to-text APIs.

Education	
2017-present	**CENTRAL HIGH SCHOOL** **OMAHA, NE**

99.85 Percentile. 1st in Class Rank.
AP Computer Science Exam: 5
AP Physics 1 Exam: 4

GitHub Projects	*Starlite*. A voice command assistant that's fast and hackable (Node.js, TypeScript, Python) *Simple NN*. Full-fledged modular neural network library built from scratch. (Java) *Space Shooters*. Interactive p5.js space shooters game.
Skills	Node.js, JavaScript, Java, HTML/CSS, Git/GitHub, Unix, Linux, TypeScript
Awards	University of Nebraska at Omaha CSEdWeek Programming Contest. 3rd place winner. Modern Woodmen of America National Speech Contest 1st place winner of 93,000 entrants. National Association of Teachers Singing Nebraska Musical Theater 1st place winner ACDA. National Honors Choir TTBB Singer.
Personal	Award winning musician and actor; writer (dannys.tech); bibliophile; bicyclist; competency in Spanish.