Danny Denenberg

dannydenenberg.com
650.793.0157 | danny@denenberg.com

EDUCATION

CENTRAL HIGH SCHOOL
99.85 PERCENTILE.
1ST IN CLASS RANK.
2017-2021 | Omaha, NE
AP Computer Science Exam: 5
AP Physics 1 Exam: 4

LINKS

Github:// **dannydenenberg**
LinkedIn:// **dannydenenberg**

SKILLS

PROGRAMMING
Over 5000 lines:
Node.js • JavaScript • TypeScript • Java • Python • HTML/CSS • Git/GitHub • Unix/Linux •
Over 1000 lines:
C/C++ • MongoDB
Familiar:
SCSS • Ruby • PHP

PERSONAL

Award winning singer and actor; writer; bibliophile; bicyclist; competency in Spanish.

EXPERIENCE

GALLUP | SOFTWARE DEVELOPER INTERN
May 2019 – July 2019 | Omaha, NE
- Assembled a Mongo database of Gallup related textual information (FAQs, Gallup YouTube Video transcriptions, Gallup blog posts) via web-scraping using Node.js and Puppeteer (Google NPM package).
- Linked the database to our search engine which utilized an Artificial Neural Network (LSTM) to associate search queries with information from the database (Brain.js)

GALLUP | TECHNICAL INTERN
Aug 2018 – Mar 2019 | Omaha, NE
- Designed and developed a 'hackable' voice command assistant on a Raspberry Pi (on GitHub) for an "Alexa"-like experience on a desktop computer.
- Implemented effective speech-to-text functionality using Google's Cloud APIs.

UNIVERSITY OF NEBRASKA AT OMAHA | CYBERSECURITY INTERN
May 2018 – July 2018 | Omaha, NE
- 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.
- Analyzed and tagged audio results from a Ph.D. student's project on defensive internet security using Google's text-to-speech and speech-to-text APIs.

AWARDS

Year	Rank	Award
2019	3rd	UNO CSEdWeek Programming Competition
2019	1st	National Association of Teachers of Singing Nebraska Musical Theater.
2018	3rd	UNO CSEdWeek Programming Competition
2016	National	Modern Woodmen of America Speech Contest winner of 93,000 people.

PUBLICATIONS

Writer for "The Startup" (Medium's largest publication with over 492k followers).
I maintain a blog at dannydenenberg.com.