

Tovly Deutsch

609-353-3658 | tovly@tovly.com | tovly.com

Education

HARVARD UNIVERSITY

A.B. candidate concentrating in Computer Science and Linguistics. GPA: 3.92

Coursework: Advanced Machine Learning (graduate), Data Structures and Algorithms, Computational Photography, Cloud Networking and Computing, Systems Programming and Machine Organization, Introduction to Probability, Introduction to Theoretical Computer Science

Cambridge, MA

May 2020

SHAWNEE HIGH SCHOOL

National Merit Commended Student. National AP Scholar Award.

GPA: 4.0 unweighted, 5.77/6.0 weighted

Medford, NJ

June 2016

Experience

FACEBOOK

Software Engineer Intern

Menlo Park, CA

May 2019 - August 2019

- Expanded Oculus referrals by exposing the program on additional surfaces using React Native, React, and Redux.
- Led the design of and implemented native share sheet functionality for sending referrals in the Oculus app.

ETSY

Software Engineer Intern

New York, New York

June 2018 - August 2018

- Worked to improve listing quality via predictive nudges using React, Redux, and Backbone.
- Experimented with customer photos by building a photo section for listing pages using PHP and JS.

EDM ENTERPRISES

Contract Software Engineer

May 2017 - May 2018

- Developed an asset tracking system for medical waste containers using CodeReadr APIs.
- Developed an interactive, automated system for generating Google Sheets service reports.

CLEAN CANS

Contract Software Engineer

November 2016 - December 2017

- Developed a Wordpress plugin using Twilio, Codereadr, and Woocommerce APIs that alerts customers when their trash cans are cleaned, activated by the scanning of a barcode on the can.
- Integrated this service with cleancans.com so that customers can view their service history.

GOOGLE ADD-ONS

Software Engineer, Designer, and Maintainer

April 2013 - Present

- Created two open-source Google Sheets add-ons, [Bulk Sheet Manager](#) and [Attendance Sorter](#), which have over 40,000 users in total.

Technical Skills and Projects

Languages: Python, C++, OCaml, Javascript, C, R, PHP

Skills & Technologies: NLP, PyTorch, Keras, Halide, scikit-learn, React, React Native, Redux

Web Development: Co-developed bit.do/driveanalyzer and taxgraphs.surge.sh