Tovly Deutsch

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

Education

HARVARD UNIVERSITY   Cambridge, MA
A.B. candidate concentrating in Computer Science, secondary in Linguistics. GPA: 3.881   May 2020
Relevant Coursework: CS 124: Data Structures and Algorithms, CS 121: Introduction to Theoretical
Computer Science, Stat 110: Introduction to Probability, CS 51: Introduction to Computer Science II

SHAWNEE HIGH SCHOOL   Medford, NJ
National Merit Commended Student. National AP Scholar Award.   June 2016
GPA: 4.0 unweighted, 5.77/6.0 weighted

CODEACADEMY.COM   Online
Completed courses in JavaScript, React, jQuery, and PHP.   Summer 2013

Experience

ETSY   New York, New York

Software Engineering Intern   June 2018 - August 2018

- Worked to improve listing quality via predictive nudges using React, Redux, and Backbone.
- Experimented with customer photos by building an 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 a 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, Attendance Sorter and Bulk Sheet Manager, which
  have over 20,000 users in total.

Technical Skills and Projects

Languages: Javascript, Python, PHP, C, OCaml
Other Technologies: React, Redux, Gatsby, Wordpress, Twilio, Google Apps Script, Immutable.js
Web Development: Created tovly.co. Co-developed bit.do/driveanalyzer and taxgraphs.surge.sh
Software: After Effects, Premiere, Illustrator, Photoshop, Solidworks

Extracurriculars

Extracurriculars: Harvard Undergraduate Filmmakers Association (Co-founder and President), Harvard
Computer Society, Quizbowl (Webmaster)