

BRENDAN VOELZ

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EDUCATION

Tufts University, Bachelor of Science (B.S.)

Medford, MA

Major: Computer Science, Minor: English

September 2015 — May 2019

Major GPA: 3.55, Cumulative GPA: 3.24

Relevant Coursework: Data Structures, Web Programming,
Machine Structure & Assembly Programming

Awards: Dean's List – Spring 2017

EXPERIENCE

Staples, Inc.

Framingham, MA

Software Engineering Intern

May 2017 — August 2017

- Supported supply chain operations by designing and implementing a GUI to maintain network data and improve the efficiency of order fulfillment
 - Built with Angular, Node, Express, MongoDB, and Python
- Managed the process of migrating over 150,000 records from a legacy database to MongoDB with Python

Tufts University

Medford, MA

Teaching Assistant

August 2017 — Present

- Held office hours and graded assignments for a web development course

PROJECTS

CURBTool — *First Runner Up, International Development Hackathon, April 2017*

- iOS/Android app that streamlines the data-entry process for the World Bank's CURB financial investing application and provides data visualization
- Provided a more lightweight, scalable way to transmit data by using JSON

SuperCypher!

- Full stack web encryption game that allows users to compete in real time
- Implemented with Node, HTML Canvas, Socket.io, and MongoDB

OverwatchAPI

- RESTful API service that delivers Overwatch player data as JSON upon request
- Implemented with Node, Cheerio.js, and MongoDB

SKILLS

Languages: C++, C, JavaScript, Python, C#

Technologies: HTML, CSS, Node, Express, Angular, MongoDB, jQuery, Socket.io, Cheerio.js, D3, Unix, Git