

# Jesse Tuglu

jessetuglu.me | github.com/jessetuglu  
jktuglu@gmail.com | 845.274.8468 | tuglu@bc.edu

## EDUCATION

### UNIVERSITY OF MICHIGAN

BS, COMPUTER SCIENCE  
2021-2024 | Ann Arbor, MI

### BOSTON COLLEGE

Cum. GPA: 3.9 / 4.0  
2020-2021 | Boston, MA

### ST. ANDREW'S SCHOOL

HIGH SCHOOL DIPLOMA  
May 2020 | Middletown, DE  
Math, Physics

## LINKS

Github:// [jessetuglu](#)  
LinkedIn:// [jessetuglu](#)

## COURSEWORK

### UNDERGRADUATE

#### BOSTON COLLEGE

Multivariable Calculus  
Linear Algebra  
Principles of Economics  
Financial Accounting  
Functional Programming  
Data Structures & Algorithms

### HIGH SCHOOL

AP BC Calculus (5)  
AP Physics  
Robotics

## SKILLS

### PROGRAMMING

Languages  
JS/Typescript • Java • Ruby • Go  
Bash • SQL • Python • Swift  
Frameworks/Technologies  
React.js • Ruby on Rails • Express.js

## EXPERIENCE

### GEOLOGIE | BACKEND DEVELOPER

Apr 2020 - Present | New York, NY  

- Promoted within 3 months to full time.
- Work with: Ruby, Go, Python.

### BOSTON COLLEGE | DISTRIBUTED SYSTEMS RESEARCH ASSISTANT

Nov 2020 - Present | Boston, MA  

- Work as Distributed Systems Research Assistant under Dr. Lewis Tseng.
- Work with: Go, Python.

### HEIGHTS CAPITAL | ANALYST

Oct 2020 - Present | Boston, MA  

- Analyst on the Technicals desk for selective investment club at Boston College.

### HARTELL'S DELI | CASHIER AND WAITER

Summer 2018 and Summer 2019 | Greater NY Area  

- Waited customers and kept an excellent customer service repertoire.
- Provided excellent customer service while executing quick transactions with accuracy in a stressful and fast paced environment.

## PROJECTS

### SKIPLIST PROJECT | TYPESCRIPT | REACT.JS | JAVA

May 2021 | Boston, MA  
Built two implementations of Skiplists in Java with my partner for our final project in Algorithms and Data Structures. Additionally, I wrote the corresponding animations using Typescript and React.

### COVID VACCINATION APPLICATION | REACT.JS | RUBY ON RAILS

Mar 2021 | Boston, MA  
The COVID Vaccination Application was built in efforts to make vaccine information and locations easily accessible to everyone. Designed and developed a fullstack application using a Rails backend server and a React frontend. The app offers robust user registration/sign up, daily email notifications, and supported search by location for the three major vaccines (Moderna, J&J, and BioNTech). Check it out!

### SMART-EV HOME DEVICE REGISTRY | NODE.JS | VANILLA JS

Jan 2021 | New York, NY  
Built a smart home device registry and control service to run on a Raspberry Pi. Node JS Server serving vanilla JS web application. Simple device registration and multi-action functionality.

## CERTIFICATIONS

### CORPORATE FINANCE INSTITUTE

Course Covered:  
Investment banking, equity research, private equity, mergers & acquisitions, corporate development, financial planning & analysis (FP&A), and treasury