

RAINE TENERELLI

Computer Science student
interested in software
engineering and data science
and analytics opportunities.

CONTACT



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Wellesley, MA



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EDUCATION

Wellesley College

BA Computer Science
Expected 2022

SKILLS

Python • Java • Stata • R • C# •
Assembly • HTML • CSS •
Javascript

COURSEWORK

Data Structures + Algorithms
(online, ongoing)
Data Structures (Fall 2019)
Computer Architecture
Fundamentals of Programming
Econometrics
(Including diff in diff, fixed effect, and
instrumental variables causal
inference methods)
Advanced Statistical Methods I&II
Microeconomics
Combinatorics and Graph Theory
Multivariable Calculus

EXPERIENCE & LEADERSHIP

RESEARCH ASSISTANT

Wellesley College | Wellesley, MA | Feb 2019 – present

- Research transgender security and privacy for Professor Ada Lerner in the Computer Science Department at Wellesley College.
- Develop robust surveys to generate data for regressions.
- Estimate the effect of being transgender on stress about online privacy using causal inference methods.
- Process survey data using Qualtrics, MTurk and Python programming.

SUMMER HUB LEADER & FELLOW

Rewriting the Code (RTC) | Greater Boston Area | Oct 2018 - present

- Summer Hub leader for 20 RTC members in Boston area internships during the summer.
- Lead RTC Boston social media and email groups.
- Coordinate with corporate recruiters to organize two company events.
- Write articles for the RTC blog on using CS for social good.
(rewritingthecode.org/discovering-the-world-of-cs-for-social-good/)

WEBMASTER

Wellesley Computer Science Club | Wellesley, MA | Jan 2019– May 2019

- Updated and maintained CS Club website.
- Designed the new CS Club logo used on all merchandise.

FOUNDER & PRESIDENT

FIRST Tech Challenge | Ellensburg, WA | May 2017 – May 2018

- Founded and was president of a FIRST Tech Challenge Robotics team of 9 students.
- Programmed robot to perform detailed autonomous tasks in various robotics competitions using Java.
- Designed and implemented website (team12878.org) and managed all social media accounts for team.
- Planned and led 4-8 hour weekly meetings.
- Acquired \$5,000 through fundraising and grants.

PROJECTS

GOOGLE CHROME EXTENSION: QUOTE GENERATOR

- Personal project: Google Chrome extension that generates famous literary quotes using HTML and Javascript.

EFFECT OF COMPULSORY SCHOOLING LAWS ON EDUCATION

- Implemented instrumental variable and fixed effect regression techniques to estimate effect.
- Obtained and cleaned a large dataset used in the study.

DETERMINANTS ON KING COUNTY HOUSING PRICES

- Employed machine learning concepts (such as ridge and lasso regression, decision trees) to evaluate King County housing data in R.
- Programmed software to perform econometric analysis.