

# Ankit Gupta

a.gupta@wustl.edu | 510.579.7120

6515 Wydown Blvd, CB3969 St. Louis, MO 63105 | 159 Gala Ct, White Plains, NY 10603

## EDUCATION

### WASHINGTON UNIVERSITY IN ST. LOUIS

#### B.S. IN COMPUTER SCIENCE

Second Major in Economics

Minor in Mathematics

Aug 2017 - May 2021 | St. Louis, MO

Dean's List: Fall 2017 - Spring 2018

GPA: 3.9

### HORACE MANN SCHOOL

Sep 2013 - June 2017 | Bronx, NY

Honors in computer science, history, mathematics

Student ambassador and tour guide

## LINKS

Website:// [ankit.tech](http://ankit.tech)

Github:// [ankit0504](https://github.com/ankit0504)

LinkedIn:// [ankit-gupta-](https://www.linkedin.com/in/ankit-gupta-)

## COURSEWORK

### COMPUTER SCIENCE

Rapid Prototype Development and

Creative Programming,

Object Oriented Software Development

Laboratory,

Data Structures and Algorithms,

Logic and Discrete Mathematics,

Computer Science II,

AP Computer Science A,

AP Computer Science Principles

### MATHEMATICS

Linear Algebra

Multivariable Calculus

Calculus II

AP Calculus

### ECONOMICS

Intermediate Microeconomic Theory

Introduction to Macroeconomics

Introduction to Microeconomics

## SKILLS

Languages

Java • Python • JavaScript • SQL • AVR

Assembly • CSS • HTML • MATLAB

Technology

CAD •  $\LaTeX$  • Git • Docker • Adobe

Photoshop & InDesign • Microsoft Office

## EXPERIENCE

### CROSSBEAM | SOFTWARE DEVELOPMENT INTERN

May 2018 – Aug 2018 | Philadelphia, PA

- Implemented a Python Flask, SQLAlchemy and PostgreSQL, REST API backend for a website that tracks B2B partnerships.
- Built and designed Vue.js and Bootstrap frontend for same website.
- Worked extensively on search engine optimization by using Vuex and Nuxt.js server-side rendering.
- Used D3 to construct network graphs from a relational database to show existing partnerships between businesses.
- Developed integration tests in Python and JavaScript.
- Worked closely with a team of four other interns and two founders.

### WASHINGTON UNIVERSITY IN ST. LOUIS | TEACHING ASSISTANT

January 2018 – Present | St. Louis, MO

Spring 2018: Computer Science I

- Taught students object-oriented programming in Java.
- Helped professors grade exams.

Fall 2018: Data Structures and Algorithms, Logic and Discrete Mathematics

- Assist students working through assignments in a laboratory setting.
- Holds office hours to help students outside of the classroom.
- Helps professors grade exams.

### COOPER UNION | MEMBER OF SUMMER STEM PROGRAM

June – Aug 2016 | New York, NY

- Designed and prototyped a multifunctional bracelet to aid people with anxiety.
- Applied for and received a provisional patent.
- Collaborated with a group of three other participants and three instructors.

## EXTRACURRICULARS

### PHILLY STARTUP LEADERS | START. STAY. GROW. FELLOW

June - Aug 2018 | Philadelphia, PA

- Interacted with entrepreneurs, CEOs, and founders from the Philadelphia startup community.
- Got exposure to startups in different stages of growth, and learned about the venture capital industry.
- Worked closely with a team of ten other interns from other startups in the Philadelphia area.

### ASHOKA | MODEL AND DANCER

August 2017 - Present | St. Louis, MO

- Danced and modeled in a show showcasing traditional South Asian culture.

## PERSONAL PROJECTS

### ANIMATED FAMILY TREES | JULY 2018

- Used D3 to animate two family trees.

### JOEY TRIBBIANI CHROME EXTENSION | JULY 2018

- Used JavaScript to create a mass thesaurus Chrome Extension.