

# Caroline Kaufman

Software Engineer | New York City, NY | hello@carolinekaufman.dev

## Education

### **Tufts University — Medford, MA**

**May 2020**

B.S. in Computer Science, French; cum laude

Spring 2019: IAU College, Aix-en-Provence, France

*Selected Courses: Cloud Computing, Privacy in the Digital Age, Computation Theory, Operating Systems, Programming Languages, Internet-Scale Distributed Systems, Machine Structures and Assembly Language.*

## Work Experience

### **Software Engineer — Datadog**

**August 2020**

Incoming New Grad SWE at Datadog starting August 2020.

### **Software Engineering Intern — Apple (iOS Safari)**

**June - August 2019**

- Planned and implemented a project to bring a feature of iOS AutoFill to MacOS, working across both platforms and multiple frameworks to achieve feature parity and improve cross- platform user experience;
- Presented to team members and stakeholders within the Internet Technologies division.

*Technologies: Objective-C, C++, Xcode, Git*

### **Software Engineering Intern — Braintree (Business Risk)**

**June - August 2018**

- Worked on an internal app for risk detection, practicing pair programming and test-driven development;
- Helped to port application to Kubernetes, decreasing production deploy times by 80%;
- Expanded underlying data pipeline to source data from new regions.

*Technologies: Ruby on Rails, PostgreSQL, Kubernetes, Docker, Git*

### **Project Manager — Tufts JumboCode**

**August - December 2018**

- Led a team of nine students in designing and developing a web app for a STEM education nonprofit;
- Responsible for task management, backend architecture design, documentation, mentoring developers.

## Teaching Experience

### **Teaching Fellow — Tufts Computer Science Dept.**

**September 2018 - May 2020**

- Led, trained, and mentored a team of 30+ teaching assistants and assisted with course administration;
- Developed and taught a required 1-credit training course for new TAs on teaching skills, ethics, etc.;
- Designed new projects and lab assignments, and developed specifications and demo implementations.

*Courses: Intro to CS (Fall 2018, Spring 2020), Data Structures (Fall 2019)*

### **Teaching Assistant — Tufts Computer Science Dept.**

**September 2017 - Fall 2019**

- Taught weekly lab sessions and review lectures, held office hours, graded assignments and exams;
- Worked with students to design, develop, and debug project implementations.

*Courses: Intro to CS (Fall 2017), Data Structures (Fall 2018), Internet-Scale Distributed Systems (Fall 2019)*

## Certifications, Awards, and Leadership Experience

James Schmolze Award for Excellence in Computer Science - Tufts CS Department (2020)

Tufts Code for Good (COVID-19 Response Summer Program) Director (2020)

Computer Science Department External Advisory Board Member (2020)

Anne Jourlait Translation Prize - IAU College Aix-en-Provence (2019)

CCIP Diplôme de Français Professionnel avec Mention (2019)

## Skills

C/C++, Objective-C, Python (Django), PostgreSQL, HTML/CSS, JavaScript, Git, Linux/UNIX