

# Brad Davis

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## EDUCATION

**New York University, College of Arts and Sciences**

**May 2020**

Bachelor of Science | GPA: 3.79/4.00

Major: Computer Science

Minor: Web Programming, Chemistry

**Relevant Coursework:** Computer Systems Organization, Basic Algorithms, Data Structures, Web Design, Web Development, Database Design, Parallel Computing, Calculus I and II, Organic Chemistry

**New York University, Study Abroad Program**

Studied one semester in Madrid, Spain (Summer, 2018)

## SKILLS

*Programming Languages:* Java, C, Python, HTML, CSS, JavaScript, PHP, SQL

*Software Tools/Libraries:* React.js, Firebase, Microsoft Office Suite, GitHub, MySQL workbench, Adobe Illustrator, MongoDB, jQuery, Google Maps-API, Node.js, D3.js, Chart.js, Express

*Languages:* English, Conversational Spanish

## WORK EXPERIENCE

**Bruce Feiler – Author/Speaker, Web Developer, New York City, NY**

**June 2019 – Present**

- Currently producing web content and visualizations for New York Times Best Selling Author, Bruce Feiler.
- Developed an online interview with dynamic results based on Feiler's Interview Project and novel.
- Examined hundreds of interviews using natural language processing to extract new variables to study.

**3quilibrium, Database/Backend Developer, New York City, NY**

**May 2019 – Present**

- Developed a regularly updating relational database for a data-centric media company.
- Created a Database instance running MySQL with AWS technology and secure queries for this system.
- Collaborate with the frontend designer to create a backend that dynamically populates front-end graphics.

**New York University, Grader, New York City, NY**

**Jan 2019 – Present**

- Grade students' work in an HTML and CSS focused website development course for the past 2 semesters.
- Work closely with a professor, Lee-Sean Huang who is a noted professional in the web development field.

**Harvard Medical School & BWH, Programmer, Boston, MA**

**Summer 2017**

- Learned and contributed through GitHub to an extension to the medical imaging program, *Slicer*.
- Created and refined tutorials and filmed and edited an informative video for the extension.

## LEADERSHIP

**Association for Computing Machinery at NYU, Chair, New York City, NY**

**Nov 2018 – Present**

- Recruit speakers from the computer science field for presentations on their work.
- Advertise events and presentations to computer science students and professionals.

**NYU Circle K International, Service Committee Chair, New York City, NY**

**May 2018 – May 2019**

- Plan community-service events and fund-raisers with groups such as the water project.
- Participate in various community service events like a weekly art class in a senior center.

**NYU Cohort Group, President, New York City, NY**

**March 2017 – May 2018**

- Elected by peers to plan, coordinate, and market events for the group.
- Attended bimonthly leadership workshops to improve skills including public speaking, and networking.

## INTERESTS & CERTIFICATIONS

*Interests:* NYU Club Ultimate Frisbee, rock climbing, squash, music technology, film, jazz guitar, travel

*Publication:* "Outside the Ring: Humanity in Tragedy" – Alternative Considerations of Jonestown Newsletter

*Certifications:* Wilderness First Responder, CPR