

Brad Davis

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EDUCATION

New York University, *College of Arts and Sciences*

May 2020

Bachelor of Arts | GPA: 3.77/4.00

Major: Computer Science

Minors: Web Programming and Applications, Chemistry

Relevant Coursework: Computer Systems Organization, Basic Algorithms, Data Structures, Operating Systems, Web Design, Web Development, Database Design, Applied Internet Technologies, Parallel Computing, Algorithmic Problem Solving, Computer Graphics, Calculus I and II

New York University, *Study Abroad Program*

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

SKILLS

Programming Languages: JavaScript, HTML + CSS, Java, C, Python, 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, p5.js

Languages: English, Conversational Spanish

WORK EXPERIENCE

Octavate, *Full-Stack Developer*, New York City, NY

May 2019 – Present

- Creating a Database instance running MySQL with AWS technology and secure queries for this system.
- Designing a front end and back end that dynamically populates visualizations and graphics for a web app.
- Developed a regularly updating relational database for a data-centric media company.

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

June 2019 – Present

- Producing web content and visualizations for New York Times Best Selling Author, Bruce Feiler.
- Constructed 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.

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

Jan 2019 – May 2020

- Graded students' work in an HTML and CSS focused website development course for 4 semesters.
- Worked closely with a professor, Lee-Sean Huang who is a noted professional in the web development field.

Harvard Medical School, *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 – May 2020

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

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

May 2018 – May 2019

- Planned community-service events and fund-raisers with groups such as the water project.
- Participated 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