

SPENCER MOFFAT

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EDUCATION

Brigham Young University | Provo, UT

April 2022

Bachelor of Science: Neuroscience

- Minor: Computer Science
- 3.90 GPA
- Phi Eta Sigma (National Academic Honor Society), Men's Chorus, Symphonic Band
- Relevant Coursework: Data Structures and Algorithms (C++) | Web Programming (JavaScript, Vue, Node, Express, MongoDB) | Discrete Structures (C++) | Computational Linear Algebra (Python) | Neuroanatomy

Vernon Hills High School | Vernon Hills, IL

May 2017

- ACT Score: 34
 - Illinois State Scholar, National Honor Society, Honor Graduate (weighted GPA ≥ 4.0)
 - Choral Award of Excellence, Louis Armstrong Jazz Award, Sousa National Band Award
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SKILLS AND PROJECTS

Technologies:

- C++
- JavaScript (+ jQuery)
- HTML/CSS (+ Bootstrap)
- Mendix Rapid Developer Certification

Projects

See these and more at spencermoffat.com

- Pomodoro Productivity Timer
 - Memory Game
 - ISBN Convertor
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EXPERIENCE

Web Developer | Campus Accommodations, BYU

August 2020 - Present

- Learning SQL, ASP.NET, and AJAX to help organization make transition to Mendix
- Utilized HTML/CSS to fix errors and improve designs across company website

Surgery Trainer | Addiction Laboratory, BYU

June 2019 – August 2020

- Operated on the brains of living mice; specifically, anesthetized intracranial injections which required active/post-operative pain management, suturing, and proper sanitation practices
- Became a trainer for incoming students to become certified by university veterinarian
- Maintained brain slices in artificial cerebrospinal fluid, constructed recording and stimulation electrodes, and diluted experimental drugs for voltammetric data collection

Report Manager / On-Campus Intern | 17 Grapes Consulting

January – April 2020

- Designed interactive mockups (using Moqups) for new PAAS with a focus on intuitive and efficient functionality
- Managed creation and delivery of final reports to communicate team's vision and recommendations to the client

Co-Author / Research Assistant | Maxwell Institute, BYU

April 2019 – January 2020

- Co-authored a history of a closed Institute department (Center for the Preservation of Ancient Religious Texts)
- Synthesized information from various reports, academic papers, interviews, and press articles to construct an informative yet captivating article for publication