SPENCER MOFFAT

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EDUCATION

Brigham Young University | Provo, UT   **April 2022**
Bachelor of Science: Neuroscience
· Minor: Computer Science
· 3.90/4.00 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 ≥ 4.00/4.00)
· Choral Award of Excellence, Louis Armstrong Jazz Award, Sousa National Band Award

SKILLS AND PROJECTS

Technologies:
· C++
· JavaScript (+ jQuery)
· HTML/CSS (+ Bootstrap)
· Python

Projects
See these and more at spencermoffat.com
· Pomodoro Productivity Timer
· Memory Game
· ISBN Convertor

EXPERIENCE

Web Developer | Campus Accommodations, BYU   **August 2020 - Present**
· Learning SQL, ASP.NET, and AJAX to help company make transition to Mendix (Rapid Developer Certified)
· 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 focusing on intuitive and efficient functionality
· Managed creation and delivery of final reports to communicate team's vision and recommendations

Co-Author / Research Assistant | Maxwell Institute, BYU   **April 2019 – January 2020**
· Co-authored a history of a recently closed Institute department
· Synthesized information from various reports, academic papers, interviews, and press articles to construct an informative yet captivating article for publication