

# Samuel Berrey

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## EDUCATION

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### Brigham Young University

Major – Computer Science

- GPA 3.62

Aug 2021 – Present

Provo, UT

### Brigham Young University – Idaho

Major – Computer Science

- GPA 3.81

Sep-Dec 2018, Apr-Jul 2021

Rexburg, ID

### Coursework :

- Machine Learning, Deep Learning, Residual Networks (ResNets), Generative Adversarial Networks (GANs)
- Python

## EXPERIENCE

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### Office of Information Technology at Brigham Young University

*Application Engineer, Student Team Lead*

- Participated on project teams to deliver software applications on time using an Agile development environment
- Utilized many technologies including REST APIs through Node.js, Java, HTML/CSS, SQL, and Mendix
- Managed and led other student programmers in large development projects, tracked their progress, and assisted in debugging/redeployment

May 2022 – Present

Provo, UT

### Missionary Training Center

*Language and Teaching Instructor*

- Instructed 150+ adult students in teaching and studying skills, Hungarian language, culture, and customs
- Assisted in the development of professional language and training resources and courses
- Taught difficult concepts both individually and in tandem with other teachers

Sep 2021 – May 2022

Provo, UT

### Expert Dig

*SEO, Web Developer, Video Production Engineer*

- Utilized Adobe Photoshop, Premiere Pro, After Effects, and Media Encoder to develop professional training videos
- Employed skills in HTML, CSS, JavaScript, Webflow, Google Ads, and Google Analytics to assist in the development and search engine optimization of expertdig.com
- Learned to work effectively in a completely remote position

Apr 2021 – Dec 2021

Boxborough, MA

### The Church of Jesus Christ of Latter-Day Saints

*Assistant to the President, Zone Leader, District Leader, and Trainer*

- Taught an average of 15 individuals and groups weekly on how to enrich their lives through study and application
- Responsible for evaluating, training, and reporting on the progress of 350+ volunteers in Hungary and Romania
- Taught English and Hungarian as second languages to an average of 8 people weekly
- Led in adapting the teaching methods of 200+ volunteers and thousands of students under Covid-19 restrictions
- Coordinated the entry and exit of 50+ staff members into and out of Hungary and Romania throughout the first months of the Covid-19 pandemic

Apr 2019 – Apr 2021

Hungary

### Gyroscope Labs, LLC

*Lab Assistant*

- Recorded data samples of cosmetic materials
- Assembled and tested high-tech cosmetic machines
- Provided manual labor for the CEO including remodeling bathrooms, painting and rewiring the company laboratory and offices, and installing drywall

July 2017 – March 2019

Carlisle, MA

## SKILLS/AWARDS/INTERESTS

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- *Proficient in following languages:* English, Hungarian
- *Proficient in following technologies:* Java, C++, C, HTML, CSS, JavaScript, SQL, Python, Node.js, REST APIs, Mendix, Git, Webflow, Adobe Creative Products, Microsoft Office, Amazon Web Services, Android Studio
- **Software Defined Radios – python programming with Out Of Tree Modules in python**
- **Electronic Warfare (EW) and Electronic Attack (EA)**
- *Awards:* Boy Scouts of America: Eagle Scout
- *Other interests:* Piano, weightlifting, basketball, hiking