Clark Brown

Aspiring developer and mathematician with a passion for building

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EDUCATION

BS, Applied & Computational Mathematics Emphasis (ACME)
April 2021

Brigham Young University — *Provo, UT*

- Minor and Concentration: Computer Science
- GPA: 3.97, Cum Laude
- Relevant Coursework:

Software Development	Algorithm Design	Statistics
Computation and Optimization	Mathematical Programming	Machine Learning

SKILLS

- Proficient in Python, Ruby, Typescript, Java, C++, SQL
- Experience with AngularJS, ReactJS, and Ruby on Rails
- Linux (Debian and RedHat based distros), GIT, Web Server Management
- Team Leadership and Project Management
- Machine Learning, Numerical Linear Algebra, Algorithms, Linear Programming, Data Modeling, Modeling with Control, Network Modeling, Linear and Nonlinear Analysis, Statistics

EXPERIENCE

Software Engineer
April 2020 – Present

Neighbor — *Lehi, UT*

- Full–stack developer for the host experience on Neighbor's storage marketplace.
- Responsible for new features, software integrations, product discovery, testing, and serverless framework.

Undergraduate Teaching Assistant
August 2019 – December 2019

Brigham Young University — *Provo, UT*

- Teaching assistant for a Computer Science course in Discrete Structure (BYU CS 236).
- The course covers grammars, parsing, relational data models, graphs, and graph algorithms.

Ecommerce Developer and Web Server Admin
May 2018 – December 2019

Liberty Mountain Sports, LLC — *Sandy, UT*

- Develop and integrate a product information management platform and a Magento based website.
- Manage web servers with both Red Hat and Debian based Linux distributions.
- Facilitate new development deployment and maintain several important GIT repositories.

Economic Research Assistant and Developer
March 2018 – April 2019

Brigham Young University — *Provo, UT*

- Assisted Dr. Joseph Price developing tools to link families and individuals across genealogical records.
- Used genealogical research methods combined with TensorFlow for machine learning with Python.
- Wrote a web app in Javascript with a document based database in Firebase for creating training data.