ETIENNE BEAULAC

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PROFILE

- Highly skilled at **Problem Solving**, **Critical Thinking, Teamwork** and **Interpersonal Skills**
- Great ease for **learning**
- Familiar with design patterns, Android app creation, web engineering, object-oriented programming, data structures, machine learning, multithreading, data science
- Linguistic skills: **English**, **French, Italian, Albanian**
- Programming languages: **C++, Java, CSS, PHP, JavaScript, Python, R, SQL**

EDUCATION

Bachelor of Science in **Software Engineering** with minor in **Statistics**   **Graduation - April 2019**
Brigham Young University – Idaho   *Rexburg, Idaho*

- **GPA**: 3.97
- **Relevant Coursework:** Data Structures, Object-Oriented Programming, Design Patterns, Web Engineering, Multithreading and Concurrency, Machine Learning, Data Wrangling & Visualization
- **Significant Projects:** modeled a simple CPU, remake of data structures, Pre-Order Android App, implementation of multiple machine learning algorithms, analysis of multiple datasets
- **Full Tuition Academic Scholarship 2017-2019**

PROJECTS

Pharmaceutical Android App - Software Quality Assurance Engineer   **40 hours**
Luke's Pharmacy   *Alberta, Canada*

- Gathered and tested Java code written by team members, ensuring quality through rigorous testing under a strict schedule which resulted in the customer's high satisfaction
- Researched appropriate design patterns to implement, communicating these both orally and in writing to the team and facilitating the construction of a high-quality app

Call Center Data Analysis   **30 hours**
Team Project – Home Care Pulse   *Rexburg, ID*

- Demonstrated a strong understanding of machine learning algorithms by implementing an ID3 Decision Tree to predict outcomes of calls for Home Care Pulse
- Showcased exceptional interpersonal skills while managing the project in a team of 3

Multithreaded Web Scraping   **5 hours**
Team Project   *Rexburg, ID*

- Collaborated in the implementation of a multithreaded web scraping software using Python, which resulted in a speed optimization of over 83%
- Demonstrated reading comprehension skills and motivation by teaching myself Python within one week

Website Front-End Setup and Design   **20 hours**
Personal Project   *Rexburg, ID*

- Proved my reading comprehension and learning capabilities by creating multiple professional-looking websites using self-taught HTML5, CSS, and JavaScript skills
- Displayed a firm knowledge of diverse programs such as Adobe Illustrator and Photoshop to create new logos and attractive website designs

WORK EXPERIENCE

Teacher's Assistant   **April 2017 – Present**
BYU-Idaho – Digital Systems & Design Thinking

- Assisted two teachers with their classes through self-discipline, teamwork, and quick adaptation resulting in the highest-rated class on campus and prompt grading of assignments