

Timothy Bender

Git-hub: <https://github.com/Tim-Bender>

EDUCATION

Montana State University, Bozeman – Mt, Computer Science

Standing: **Senior** GPA: **3.83**

- Course Highlights:
 - Data Structures and Algorithms
 - Computer Architecture
 - Software Engineering
 - Calculus 1&2 | Statistics | Linear Algebra
 - Systems Administration
 - Data Science

Forest Charter School, Truckee – Ca, High-School

Graduated: **May 2017** GPA: **4.3**

EMPLOYMENT EXPERIENCE

Software Engineer – Intern, Spudnik llc, Blackfoot ID

May 2020 - August 2020


- Develop primarily Android Software culminating in a solo-built android mobile app containing a custom bluetooth adapter, UI, database, and authentication.

Mathematics Tutor, Montana State University

June 2019 - May 2020

- Engage with students by providing one on one and group tutoring facilities for math students enrolled in a variety of mathematics courses including calculus 2, linear algebra, and statistics.

Projects

MeteorClient-Contributor: 

MeteorClient open source utility client

- Java implemented Minecraft utility client.

FlappyBird- Neural Net: 

- A python implementation of the NEATS neural network to learn and play flappy-bird using generational deep learning.

Catscript – Capstone Project: 

- A custom built object oriented programming language, whose compiler is implemented in Java, and compiles into Java bytecode.

Robotics Wireless Controller: 

- Android mobile application build in Kotlin to wirelessly control a robot utilizing server sockets.

Contact

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References

Michael Harrison- Engineering Manager Spudnik LLC:

Michael.Harrison@spudnik.com

Prof Rob Malo:

Malo@montana.edu

Prof Robert Des Enfants:

rdesenfa@gmail.com

SKILLS

- Java/Kotlin
- C
- Python
- Linux/SysAdm
- Android
- SQL
- HTML/CSS
- Git
- Agile

AWARDS

Dean's List Montana State University: Fall 2018, Spring 2019, Fall 2019

President's List Montana State University

Far West USSA Academic Team

CLUBS - ACTIVITIES

Open-Source Contributor

Squaw Valley Race Team

Bridger Bowl Race Team

Alpine Ski Racer: 15 years

