Sam Lavin

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EDUCATION

Iowa State University — Ames, IA
B.S. in Computer Engineering, Minors in Music and Music Technology; GPA: 3.4/4.0 — *Expected Dec 2022*

Benton Community High School — Van Horne, IA
GPA: 4.1/4.3 — *Graduated May 2018*

EXPERIENCE

KURE 88.5 Ames Alternative — Ames, IA
Production Intern — *Feb 2020 - Present*
- Recording and editing talk shows.
- Mixing live bands on air.
- Assisting in live remote broadcasts.
- Prerecording and producing DJ's music shows.

Iowa State Web Development Services — Ames IA
Full-Stack Web Developer — *Apr 2019 - Feb 2020*
- Used PHP, JavaScript, and CSS to create and update websites for the University.
- Learned to use Git in a professional work environment.

Cedar Rapids Parks and Recreation — Cedar Rapids, IA
Large Equipment Operator — *Summer 2018*
- Mowed, trimmed, mulched, and maintained several parks in the Cedar Rapids area full time.
- Learned how to communicate with other coworkers professionally.

Benton Community High School — Van Horne, IA
Sound and Light Technician — *2016 - 2018*
- Set up and ran sound for a multitude of band/choir concerts and theatre productions.
- Programmed and ran lights for musicals and plays.
- Was the first to set up live-streams for concerts at our high school.

PROJECTS

- QuantSoftware Toolkit   Open source python library for financial data analysis and machine learning for finance.
- Github Visualization   Data Visualization of Git Log data using D3 to analyze project trends over time.
- Recommendation System   Music and Movie recommender systems using collaborative filtering on public datasets.
- Mac Setup   Book that gives step by step instructions on setting up developer environment on Mac OS.