Eric Durbin

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Education

Purdue University, West Lafayette, IN   May 2023
- BS in Computer Science

Northridge High School, Middlebury, IN   4.0/4.0 GPA
- High School Diploma

Professional Experience

Hello World – Hackathon   2019
- Created an online, real-time, collaborative code editor with source-control integration (Git Hub)
- Placed 2nd out of 400 people
- Languages used: HTML, CSS, JavaScript, KnockoutJS, Jinja, SQLAlchemy, PostgreSQL

Dragonfly Footbags   2017-2018
- Ran day to day operations while maintaining the store website
- Gained valuable experience with FBA and Shopify while also packaging and shipping products

Science Olympiad   2017-2018
- Source Code event
  - Solved complex math problems in the Python programming language
- Game On
  - Created video games using the pseudocode program Scratch

Project Experience

Music Generator   2019
- Program that randomly generates melodies with harmonic accompaniment following advanced music theory
- Utilized tree structures, directed graphs, and ArrayList structures in Java

Conway's Game of Life   2019
- Solo project that recreated the cell evolution simulator conceptualized by John Conway in Java for the purpose of gaining experience with java

Project Euler   2017-2018
- Created a series of programming solutions to mathematical problems in Python that emphasized efficiency and brevity

Technical Skills

Python, Java, Git, Bash, HTML/CSS, JavaScript, KnockoutJS, Jinja, PostgreSQL