BEAU HODES

CONTACT

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BEAUHODES.COM

PROFILE

I am a computer science student at the University of Kansas with an interest in software development and finding creative business solutions for new technology. I also have experience with full stack development, basic game development, and machine learning. I am a very quick, motivated learner who thrives in a fast-paced environment and enjoys complex problem solving.

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE
EXPECTED MAY 2021
UNIVERSITY OF KANSAS | LAWRENCE, KS
GPA: 3.86 MAJOR, 3.81 OVERALL   ACT: 33

SKILLS

- Python
- C++/C
- SQL
- TensorFlow
- Linux/Git
- HTML/CSS
- Web Technologies
- JavaScript/Node.js
- Cloud: GCP/Azure
- Data Structures/Algorithms

PROJECTS

TRENDING WORDS BOT
JANUARY 2021
- Uses JavaScript, Python, and various APIs to monitor keyword-related chatter on Google and Twitter and alert via phone or computer.

PERSONAL SPEECH TRAINER
IN PROGRESS
- Uses a respiratory sensor and Python to help those who stutter, including myself, work on their fluency using computer visuals.

PROGMON
NOVEMBER 2019
- Along with 4 classmates, created a basic fighting game, called Progmon, using Python and Pygame. My responsibilities included game flow design, computer logic, test suite development, and graphic design.

BETLIQUID
IN PROGRESS
- BetLiquid will be an online exchange-based betting platform that allows users to predict the outcome of an event by buying shares in the end result. My responsibilities include data management and API development.

EXPERIENCE

OPERATIONS INTERN
LOCKTON COMPANIES | JUNE 2020 - AUGUST 2020
- Lockton is the world's largest privately held insurance brokerage firm
- Worked on a variety of projects including nuclear verdict research, finding discrepancies in payment systems (Power BI), and insurance-related case studies

SOFTWARE ENGINEER INTERN
PORT TMS | MAY 2019 - NOVEMBER 2019
- Port TMS is a cloud-based transportation management software company founded in 2018
- General programmer: Implemented, from back end to front end, a web interface for company developers to save time in the creation and management customer data reports

DATA ANALYTICS CONSULTANT
ASTRA INNOVATIONS | NOVEMBER 2019 - FEBRUARY 2020
- Astra Innovations is a tech company that uses data analytics to help oil and gas wells become more efficient
- Selected relevant data from unconventional oil and gas well data using SQL queries
- Used Google Cloud Platform's AI Prediction Models and Python to find ways to improve drilling performance

WEB DESIGNER
MIDLAND METAL | MAY 2017 - JULY 2017
- Midland metal is a manufacturer, importer, and distributor of fittings, nipples, valves, and accessories founded in 1980
- Communicated directly with clients to develop basic designs for their websites
- Implemented designs using Wordpress and HTML

KU LEADERSHIP CHALLENGE
JANUARY 2020
- Two day seminar promoting leadership skills and networking sponsored by corporate affiliates

CERTIFICATES

CRYPTOCURRENCY AND BLOCKCHAIN
UNIVERSITY OF PENNSYLVANIA (ONLINE) | JANUARY 2021

SEQUENCES, TIME SERIES, AND PREDICITON IN TENSORFLOW
DEEPLEARNING.AI | AUGUST 2020

BLOOMBERG MARKET CONCEPTS
BLOOMBERG LP | APRIL 2020

IBM DATA SCIENCE PROFESSIONAL CERTIFICATE
COURSERA/IBM | SEPTEMBER 2019
- Nine-course certificate using Python and various algorithms

MICROSOFT: AZURE207X —"DATABASES IN AZURE"
EDX | MARCH 2019

SELECTED COURSEWORK

- Software Engineering: Systematic development of software products including life-cycle models, teams, tools, testing, planning, and estimating. Also covered Agile development, and Git version-control.
- Others: Computer Algorithms, Data Structures, Machine Learning, Computer Security, Calculus I-III, Linear Algebra, Statistics, Operating Systems, Computer Architecture, Databases, Computer Forensics