

# BEAU HODES

## CONTACT

BEAUHODES@GMAIL.COM

BEAUHODES.COM

## PROFILE

Software developer specifically interested in blockchain/DeFi applications and scaling, general software engineering, and fintech products with the goal of finding creative business solutions for new technology. 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: 3.90 MAJOR, 3.86 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**

DEEPLARNING.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, Compiler Construction