My Name

My Email My Phone My Location
My LinkedIn https://github.com/BIGJRA

EXPERIENCE

- **Software Developer (Contract)**
  Company Name
  ◦ *10/2021 - Present*
  Uses Python to develop custom biomedical lab automation processes. Optimizes data processing to save crucial time for critical COVID-19 related research purposes.
  ◦ *12/2019 - 02/2020*
  Used Python to develop custom DNA sequence analysis processes.

- **Personal Project**
  ◦ **Game of Risk**
  Uses Python to create customizable, interactive game with complete game logic, input/output, and GUI.
  80% completion.

CERTIFICATES

- **Fundamentals of Computing Specialization**
  Rice University Faculty, Coursera. ***Compl. 10/2021.***
  ◦ Intro. to Interactive Programming In Python 1-2
  ◦ Principles of Computing 1-2
  ◦ Algorithmic Thinking 1-2
  ◦ Fundamentals of Computing Capstone Exam

- **PostgreSQL For Everybody Specialization**
  U. of Michigan Faculty, Coursera. ***Compl. 10/2021.***
  ◦ Database Design and Basic SQL in PostgreSQL
  ◦ Intermediate PostgreSQL
  ◦ JSON & Natural Language Processing PostgreSQL
  ◦ D.B. Architecture, Scale, & NoSQL w/ Elasticsearch

- **Command Line in Linux**
  Coursera Project Network, Coursera. ***Compl. 9/2021.***
  ◦ Command Line Guided Project

- **Data Structures & Algorithms Specialization**
  U.C. San Diego Faculty, Coursera. ***In Progress.***
  ◦ Algorithmic Toolbox
  ◦ Data Structures

EDUCATION

- **Mathematics, B.S.** ***09/2017 - 06/2021.***
  University Name
  ◦ *GPA*: 3.82 / 4.00. "**High Honors**" Distinction.
  ◦ *Minor*: Philosophy
  ◦ *Key Courses*: Abstract Algebra I-III, Real Analysis I-II, Complex Variables I, Combinatorics/Graph Theory, Numerical Computation, Computer Systems, Advanced Linear Algebra I-II, Topology, Vector Calculus I-II, Discrete Math, Intro. Comp Sci, Differential Equations.
  ◦ *Award*: Academic Excellence Award
  ◦ *Other Academic Studies*:
  (1) Worked with graduate student to study a graduate Polytopes text in Math Dept.'s Directed Reading Program. Created LaTeX poster and presented to faculty.
  (2) Studied abroad at foreign university for Winter & Spring 2020 via the Education Abroad Program.
  ◦ *GRE Exam*:
  (1) 170/170 Quantitative Reasoning
  (2) 163/170 Verbal Reasoning
  (3) 5.0/6.0 Analytical Writing

SKILLS

- **Technologies**
  ◦ **Python** Programming. Builds high-quality, readable code. Effectively employs unit testing framework and debugging techniques. Broad knowledge of data structures, algorithm implementation and optimization.
  ◦ **PostgreSQL** Database Management. Knowledgeable on database optimization, indexing, and C.R.U.D.
  ◦ **LaTeX** Technical Documentation. Skilled in professional mathematical communication.
  ◦ **Windows and Linux** commands.
  ◦ Microsoft **Excel/Powerpoint/Word**.

- **Personal Skills**
  ◦ Communicates well with team leader as collaborator.
  ◦ Effective at delegation, mentoring and coaching.
  ◦ Extremely organized, never misses deadlines!
  ◦ Dedicated to following work through to completion in fast-paced environments.
  ◦ Learns quickly and studies efficiently.
  ◦ Strong desire to improve systems to better peoples' lives!