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 University of Auckland 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!