MIRIAM J. BROWN

CODER

EMAIL: miri.j.brown@gmail.com **PHONE:** (908) 334 - 3805 **LOCATION:** Greater NYC/NJ Area

GITHUB: miriam-likes-math

EDUCATION

Rutgers, the State University of New Jersey Sept. 2015 - Jan. 2019
BA Mathematics & Computer Science
Focused on algorithms and breadth of mathematical understanding

EXPERIENCE

HackRU
Organizer/Mentor
Developed software for Rutgers' biennial hackathon as a member of the R&D team. Helped reinforce and enrich hackers' skills when they ran into roadblocks in their hacks. Particularly, taught Git skills as needed to hackers having difficulty with group project management.

Research on Providing Meaningful Feedback for Autograding of Programming Assignments
Working on a team under Georgiana Haldeman, coded to attempt sentiment analysis on lost points in autograded assignments. This was to see if detecting understanding of subject matter could be automated for particular projects.

HackHERS
Mentor
Assisted hackers in solving their bugs when needed and walked them through materials to enable them to complete their hacks.

ARML Chaperone
Power Round Grader
Volunteered as chaperone for a high school team and as grader for the proof-based Power Round section.

SKILLS

COMPUTER SCIENCE	MATHEMATICS	ETC
Python	Analysis	AINS 24 Insurance Certification
Java	Algebra	Glimpse (hobbyist)
C	Combinatorics	
Artificial Intelligence	Complexity Theory	
Systems Programming	Number Theory	
Software Methodology	Mathematical Logic	
Hadoop		
Spark		

EMPLOYMENT

Infosys Ltd Nov. 2020 - Current
Associate - Data Engineer
Trained in Hadoop and Spark technologies, with some secondary training in related tools and skills. While awaiting placement on a project with those skills, self-training further in SQL.

Gibbs Law Group June 2020 - Aug. 2020
Associate / Programmer Technician
Aided in database technology decisions and learned techniques for utilization of Twilio and Salesforce tools, as well as Zapier webhooks.

ValueMomentum, Piscataway, NJ Apr. 2019 - Jan. 2020
Technical Analyst
Worked with tools of Insurance and Guidewire (Gosu) tech skills to provide technical expertise to insurance agencies.

6 Points Sci-Tech Summer 2017
Counselor
Taught computer science, math, and game development skills to middle school and high school aged children. Additionally, acted as dorm counsellor for groups of 10 campers.
  - Used interpersonal, communicational, and instructional skills to enrich campers' knowledge of game design, scripting, Java, Java XML, geometry, and more.

AWARDS

1st Place Team at NJUMC Apr. 2016
Garden State Undergraduate Mathematics Conference (MAA)
Tied for 4th place in individual section of New Jersey Undergraduate Math Conference.