Michael Bazarsky

Westfield, 07090 NJ

mike.bazarsky@gmail.com | (908) 868-7946

EDUCATION AND HONORS

Rutgers University, School of Arts and Sciences – New Brunswick, NJ   *December 2023*
Bachelor of Science in Computer Science   **GPA: 3.9/4.0**
Major: Computer Science
- **Dean's List:** Recognized with the highest undergraduate distinction
- **Relevant Courses:** Data Structures, Computer Architecture, Intro to Databases, Discrete Structures, Software Methodology, Information Technology, Principles of Programming Languages, Intro to Data Science

SKILLS

- **Technical Proficiencies:** Java, Python, SQL, C, OCaml, TypeScript, JavaScript, React, Power BI
- **Soft Skills:** Communication, team work, creative and analytical thinking, interpersonal skills, leadership, problem solving

PROFESSIONAL EXPERIENCE

ECPAT / Rutgers MBS Externship Exchange - New Brunswick, NJ   01/2023 - 05/2023
Student Extern
- Analyzed public transportation location data from Albuquerque, NM to determine human trafficking patterns
- Utilized FME and Python for data manipulation and GIS to interpret and visualize geographical data

SixThirty Ventures / Rutgers MBS Externship Exchange - New Brunswick, NJ   09/2022 - 12/2022
Student Extern
- Researched and analyzed 8 startups based on a variety of proprietary metrics using Crunchbase and Excel
- Crafted detailed presentations to discuss our research and our investment theses with our SixThirty representative

Hilma - Tech for Impact – Jerusalem, Israel   06/2022 – 08/2022
Software Engineer Intern
- Designed a dynamic dashboard using Power BI to display key performance indicators of an application for client use
- Created a Python application to generate model data to dramatically decrease time spent on each project by 23%
- Created an algorithm to halve the production database size in order to reduce redundancies which saved up to 50% of space

Rutgers Office of Information Technology – New Brunswick, NJ   08/2021 – 05/2023
Consultant
- Assisted patrons and staff with any inquiries related to Rutgers software, printers, and devices
- Maintained and enforced the rules of the computer lab to ensure a productive work environment for all patrons

Code Ninjas – Westfield, NJ   09/2019 – 09/2021
Teacher
- Provided in-person and virtual instruction to 20 students to help them acquire crucial skills in JavaScript, Python and Scratch
- Created a tailor-made program for each of the students based on their proficiency with the material to ensure optimal pacing

LEADERSHIP AND INVOLVEMENT

Meor Jewish Leaders Program – Jerusalem, Israel   06/2022 – 08/2022
- Studied business and ancillary ethics via one on one sessions with established business leaders in various fields
- Developed capacity to function in multilingual high-pressure situations and apply critical thinking to practical problem solving
- Enhanced public speaking, leadership, adaptability, accounting, collaboration, and debating skills throughout the experience

HackRU – New Brunswick, NJ   08/2022 – 04/2022
- Created a stock buying algorithm in Python that selects the optimal stock based on Twitter discussion using Natural Language Processing and Twitter, Alpaca, and IEX API's

Cybersecurity Club – New Brunswick, NJ   05/2021 – 12/2023
Treasurer
- Appointed to liaison position for the Student Activities Business Office connecting the often-opposing demands of students
- Prepared budget requests for the club's activities, including transportation, food and lodging, and merchandise
- Organized club events, team building activities and collaborated with other companies to give talks to club members

INTERESTS

Chess | Formula 1 | Trilingual | Keyboards | Hiking | Poker | Talmud