

George Nakashyan

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Education

Farmingdale State College

Farmingdale, NY

B.S. Computer Science

GPA 3.9

- Summa Cum Laude, President's List
- Academic Excellence Award

Professional Experience

Freelance

May 2024 – present | Hicksville, NY

Full Stack Software Engineer

- Partnered with clients to optimize websites through tailored tech solutions.
- Decreased product development time by utilizing full stack frameworks such as Next.js
- Reduced processing costs to 2.9% by integrating the Stripe API.

Farmingdale State College

Aug 2023 – Dec 2023 | Farmingdale, NY

Front End Software Engineering Intern

- Cut new staff training time by 30% with a reactive webpage for training materials.
- Designed reactive web elements, improving reported UX by 40% on Farmingdale's website.
- Reduced task time by 20% with SQL-based staff availability lists.

Projects

Real-Time Parking Spot Reservation

<http://github.com/georgenakashyan/ParkingPal>

- Led a team of 5 to develop a web app for renting and reserving parking spots.
- Integrated Google Maps API for interactive facility mapping.
- Used Firestore for real-time, persistent data storage.
- Followed Agile practices with daily scrums, Trello boards, and sprint retrospectives.

Simulating Prisoner's Dilemma on Graph Networks

<http://github.com/georgenakashyan/PrisonerDilemmaSimulation>

- Simulated the Prisoner's Dilemma on real-world networks using Python.
- Analyzed and visualized data with Matplotlib and NetworkX libraries.
- Applied the Fermi Function algorithm to model interactions based on popularity.
- Improved simulation efficiency with multithreaded graph rendering.
- Published findings in ASONAM 2023 (17.2% acceptance rate).

Skills

Languages: Java | Javascript | Python | C | SQL

Frameworks & Libraries: Next.js | React | Node.js | Express.js | Redux | Tailwind

HTML/CSS: HTML/CSS | MongoDB | Firebase | Google Cloud | Git