Nicholas Harras

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Education

Rutgers University New Brunswick, NJ
B.S. in Computer Science *May 2019*

- **Related Coursework:** Algorithms *(present)*, Principles of Programming Languages *(present)*, Intro to AI, Computer Architecture, Discrete Structures I/II, Linear Algebra, Calculus I/II, Data Structures

Experience

SEMGeeks Belmar, NJ
Web Development Intern *September 2017 - present*

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Campus Activities

Undergraduate Student Alliance of Computer Scientists Piscataway, NJ
Member *September 2016 - present*

- Collaborated closely with members of K-12 outreach program for STEM fields
- Connected with members of the computer science community at Rutgers University
- Assisted computer science first-years with their assignments

Creation of Games Society Piscataway, NJ
Member *September 2016 - present*

- Developed a light-based puzzle game in **Java** using the **LibGDX** library

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HackRU Piscataway, NJ
Volunteer *May 2017*

- Assisted hackers throughout the event with technical issues, specifically regarding **Python** and **Java** errors

Projects

Probabilistic Search Program
Program written in **Python** that uses a belief state matrix and a Bayesian formula to find a particular cell in a grid, where mobility is limited to orthogonal movement.

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Skills

- **Programming Languages:** Proficient in Java and Python; Familiar with C, C++, JavaScript, HTML/CSS, R, and Lisp (Scheme)
- **Technology and Software:** Git, Node.js, LaTeX, Bootstrap, LibGDX, MongoDB