

NICHOLAS HARRAS

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EDUCATION

Rutgers University

B.S. in Computer Science

New Brunswick, NJ

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

Web Development Intern

Belmar, NJ

September 2017 - present

- Experience with WordPress and HTML/CSS. (Revise)
- Experience researching malicious PHP scripts that had stolen client into using stenography
- Worked closely with professional web designers

CAMPUS ACTIVITIES

Undergraduate Student Alliance of Computer Scientists

Mentor/Member

Piscataway, NJ

September 2016 - present

- Collaborating closely with members of K-12 outreach program for STEM fields
- Mentoring a group of three computer science majors on a wide range of projects they wanted to get off the ground.
- Assisting computer science first-years with their coursework.

Creation of Games Society

Member

Piscataway, NJ

September 2016 - present

- Developing an isometric beat-em-up in **Unity**. As the team member most experienced with **Git**, I've taken on most project management responsibility.
- Developed a light-based puzzle game in **Java** using the **LibGDX** library

HackRU

Volunteer

Piscataway, NJ

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 Bayesian formulas 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, JavaScript, HTML/CSS, R, and Lisp (Scheme)
- **Technology and Software:** Git, Node.js, WordPress, Bootstrap, Unity, LibGDX, \LaTeX , MongoDB