**Alborz Jelvani**

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**Personal Website**

**Alborzjelvani.com**

**Professional Experiences**

**Graduate Research Assistant, May 2019 - Present**

**Rutgers University** **Robotics, Automation, and Mechatronics (RAM) Laboratory.**

* Designed electronics and software architecture utilizing an agile software development lifecycle.
* Programmed embedded systems for autonomous vehicles.
* Created algorithms that perform object tracking, tire slip detection, velocity control, etc.
* Utilized ROS (Robot Operating System) for communications stack
* Utilized C++, Linux, Python, Java.

**Information Technology Internship, June 2017 - August 2017**

**Middletown Board of Education, Middletown, NJ**

* Responsible for software updates, operating system management, repairs, and inventory of laptops and computers in the Middletown school district.

**Skills**

Java C++

Python HTML/CSS

Linux ROS (Robot Operating System)

**Education**

**Rutgers University, School of Arts and Sciences, New Brunswick, NJ**

B.S. in Computer Science, May 2022

Minor in Business/Entrepreneurship, May 2022

* School of Arts and Sciences **Honors Program**

**Relevant Courses:**

Data Structures Linear Algebra

Discrete Structures Calculus II

Physics II

**Activities**

* **Treasurer**, Rutgers Persian Club, January 2019 - Present
  + Head manager for club funding and financial planning.
* Rutgers IEEE, 2018-Present