

Arda K. Kurama, *Academics*

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Education

Class of 2023
GPA: 4.305/4
SAT: 1470

Penn High School | AUGUST 2019 - PRESENT

AP-Coursework: Statistics, Calculus BC, Microeconomics, Macroeconomics, US History, Physics C-Mechanics, Calculus AB, English Language, European History

Experience

Intern, Notre Dame - Center for Civic Innovation | JUNE 2022 - JULY 2022

- Researched roles of 80 healthcare professionals from 15 different organizations and their job execution challenges in the Michiana region
- Developed 1 survey receiving 52 responses
- Conducted 2 focus groups with 15 total participants
- Reported findings through a report, poster, and 2 formal presentations
- <https://civicinnovation.nd.edu/news/michiana-community-health-coalition/>

Volunteer, Habitat for Humanity | JUNE 2021 - AUGUST 2021

- Helped build 3 houses with other Habitat volunteers and prospective homeowners
- Learned about constructing houses and trades such as painting, installing appliances, flooring, insulating, and landscaping

Student, Penn Robotics | AUGUST 2019 - PRESENT

- Led all web development for Penn Robotics
- Competed at FIRST Charged Up & Infinite Recharge with FRC Team 135
- Competed at FIRST Ultimate Goal & Skystone with FTC Team 12091
- Learned how to organize community outreach, fundraise, apply for grants, budget, self learn, and conduct research

Projects

Web Development, <https://ardakurama.com> | DECEMBER 2022 - PRESENT

- Designed and programmed a fully responsive 1 page static portfolio website
- Refined HTML, CSS, SCSS, and JavaScript skills

Web Development, <https://pennrobotics.org> | MAY 2022 - FEBRUARY 2023

- Designed, programmed, and led development of a fully responsive 9 page static website for Penn Robotics
- Self learned HTML, CSS, SCSS, and JavaScript

Machine Learning, NASA Barefoot Rover | APRIL 2022 - JUNE 2022

- Recreated NASA JPL's Barefoot Rover
- Developed a functional machine learning model
- Self learned Python, Tensorflow, and Keras

Awards

IMPACT High School Intern of the Year | FEBRUARY 2023

- Won Work and Learn Indiana's 2023 IMPACT High School Intern of the Year Award for internship with the Center for Civic Innovation
- <https://www.workandlearnindiana.com/news/2023/02/2023-impact-awards/>
- <https://www.workandlearnindiana.com/impact-awards/nominees>

Chairman's Award | MARCH 2022

- Won Lafayette district Chairman's Award as member of FRC Team 135
- Given to team that "best represents a model for other teams to emulate and best embodies the mission of FIRST"
- <https://penn.phmschools.org/main-news/penn-robotics-earns-prestigious-first-robotics-chairmans-award>

State Championship Alliance Captain | MARCH 2021

- Placed 3rd at Indiana State FTC Championship as member of FTC Team 12091

Soft Skills

Self Learning, Academic Research, Community Outreach, Project Management

Hard Skills

HTML, SCSS/CSS, JavaScript, GitHub, GCP, C++, Python, TensorFlow, Keras, Qualtrics