

# Richard Sear

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3283 N. Knoll Ter, Milwaukee, WI 53222

## Education

### BACHELOR OF SCIENCE | MAY 2021 | THE GEORGE WASHINGTON UNIVERSITY

- Majors: Computer Science
- University Honors Program
- GPA: 4.0

## Skills & Abilities

### TECHNICAL SKILLS

- Software: Microsoft Office; Eclipse; Atom; GitHub; Adobe InDesign, Photoshop, Illustrator; Google Office, Sites, Analytics, Data Studio
- Languages: MATLAB, Java, HTML, CSS, Arduino, LaTeX; familiar with Python and SQL
- Operating Systems: Windows, macOS, Android, iOS

### LEADERSHIP/TEAMWORK

- Editor-in-Chief, High School Journalism Program September 2014-June 2017
- Co-Principal Investigator, High School Science Team September 2015-June 2017
- iEARN Tajikistan – Photojournalism 2.014: Heritage, Hunger, and Food Security August 2014
- Unit Leader, *We the People* National Constitutional Law Competition September 2015-June 2016

## Projects

### GW ROBOTICS TRINITY FIREFIGHTING COMPETITION

SEPTEMBER 2017-PRESENT

- Collaborated in programming sub-team to program a maze-navigating robot using Arduino
- Formulated algorithms to solve three levels of maze difficulty

### ENGINEERING ORIENTATION PERSONAL WEBSITE

DECEMBER 2017

- Used HTML/CSS to create website as personal portfolio of fall semester
- Embedded objects such as a Google Slides presentation
- Used Google Analytics to track web traffic

## Work Experience

### TEACHING ASSISTANT | KUMON CENTER OF WAUWATOSA

JUNE 2015 – AUGUST 2017

- Assisted students 1-on-1 with math and reading skills from kindergarten to 12<sup>th</sup> grade levels
- Conducted customer service with parents to resolve scheduling and grading issues

### EXHIBITION ASSISTANT | WI STATE FAIR YOUTH ART EXHIBIT

JULY 2015 – AUGUST 2017

- Handling artwork: collecting, sorting, hanging, packaging
- Constructing booth: using power tools, touching up paint, hauling materials
- Customer service: working with parents/children during Fair to create arts and crafts projects

## Student Organizations

ACM, GW Undergraduate Review (Layout Manager/Editor), GW Cyber, GW Tech Collective, GW Robotics