

# Aditya Sen

adityasen120@gmail.com | linkedin.com/in/aditya-s3n | github.com/aditya-s3n

## Skills

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**Languages:** C++, C#, Python, JavaScript, HTML, CSS, TypeScript  
**Technologies:** React.js, Express.js, Firebase, Google Cloud, MongoDB, Bootstrap, EJS, Git/Github

## Projects

### Orange

Team Apple Vibe in TU20 Competition - Product Orange

- Used Flask, React.js, Bootstrap, and MongoDB to build a Full-Stack Web application
- Created matching algorithm to match applicants to recruiters on the application
- Won 2nd place and Top Technical

### Sol Thoughts

Personal Blog Website: <https://sol-thoughts.web.app/>

- Used Express.js, React.js, Bootstrap, Firebase, and MongoDB to build a Full-Stack Web application
- Multiple sorting algorithms, dynamic and modular code

### B.R.E.A.K

Hackathon Project made for Hack the Ridge 2021

- Used SQL, Python, and SMTP to build a desktop application
- Scrubs resumes to clear any bias a recruiter may have

## Relevant Experience

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### Tech Tutoring

Oakville, ON

Jan 2021 – Present

- Help my tutor build coding project
- Helped tutor build Simon Game Website, with HTML, CSS, JQuery

### Robotics Club President

Oakville, ON

Sept 2020 – Present

- Run and manage Iroquois Ridge's robotics club
- VEX robotics to build and compete in competition, uses C++ to program bots

### Polygon Game Development Club Co-President

Oakville, ON

Sept 2020 – Present

- Help run and co-manage Iroquois Ridge's game development club
- Uses C# and C++ to build 3D and 2D mobile and desktop video games

### University of Waterloo CCC 2022 Distinction

Oakville, ON

Mar 2022

- Won distinction (top 25%) on the Junior Contest
- Used Python to create efficient algorithms for each question that was given

## Education

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**Iroquois Ridge High School** Sept 2019 - Present