

# George Shao

(647) 573-8805 | [GeorgeShao123@gmail.com](mailto:GeorgeShao123@gmail.com) | [github.com/GeorgeShao](https://github.com/GeorgeShao) | [linkedin.com/in/George-Shao/](https://linkedin.com/in/George-Shao/)

## Education

<b>University of Waterloo (Bachelor of Software Engineering)</b>	<b>September 2021 – 2026</b>
<b>St. Robert Catholic High School</b>	<b>2017 – June 2021</b>

## Professional Work Experience

<b>Junior Engineering Intern — Rapid App</b>	<b>July 2020 – September 2020</b>
--	-----------------------------------

- Built the web interface for Rapid App, an instant messaging platform for communities, similar in concept to Discord and Slack, which raised \$50,000 in investor funding.
- Worked With: **TypeScript, React.js, Storybook.js, Chakra UI**

<b>Web Developer — InterWebs.Host</b>	<b>August 2020 – Present</b>
---------------------------------------	------------------------------

- Managed website domain and hosting for clients.
- Partnered with the National Institute of Technology, IEEE, ACM, and SIAM student clubs as well as CipherSchools and Aluna Research Group.
- Worked With: **JavaScript, Firebase**

<b>Junior Robotics Instructor — Envision Robotics</b>	<b>July 2019 – Present</b>
---	----------------------------

- Taught children basic 3D designing/printing skills and simple robot building skills.
- Hosted robotics workshops for children at Oxford Learning, elementary schools, and other clients.

## Technical Skills & Certifications

<b>IBM Full Stack Cloud Developer Professional Certificate</b>	<b>April 2021</b>
--	-------------------

- Proficient in: Python, JavaScript, Git, GitHub
- Familiar in: React.js, Node.js, Express.js, RESTful APIs, Firebase, IBM Cloud (Cloud Foundry, CI/CD DevOps Toolchain, Cloudant Database, Serverless Cloud Functions), AWS (Amplify, AppSync, DynamoDB, GraphQL)

## Achievements

<b>1517 Fund Grand Prize</b>	<b>June 2020</b>
------------------------------	------------------

- Created useful applications that decreased costs and increased worker productivity.
- Received \$22,000 USD in cash and AWS credits from California-based venture capital firm 1517 Fund.

## Projects

### WebDir.Link

A custom online link shortener. <https://webdir.link/>

Worked With: **JavaScript, React.js, Chakra UI, AWS (Amplify, AppSync, DynamoDB, GraphQL)**

### Swan

A simple online chat app with user authentication & dark mode support. <https://webdir.link/swan>

Worked With: **JavaScript, React.js, Chakra UI, AWS (Amplify, AppSync, DynamoDB, GraphQL)**

### ArcadePlus

A more performant fork of the Arcade 2D graphics Python library. <https://webdir.link/arcadeplus>

Downloads: 11,952 (as of May 20, 2021)

Worked With: **Python, Pyglet (OpenGL wrapper)**