

JOSHUA HAN

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PROFILE

I use technical and problem-solving skills to build efficient, accurate, and innovative software.

SITES



[GitHub](https://github.com/joshha619)
github.com/joshha619



[LinkedIn](https://www.linkedin.com/in/joshua-han-tech)
www.linkedin.com/in/joshua-han-tech

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Java, C
- **Stacks:** MongoDB, Express, React, Angular.js, Node.js, Ruby on Rails

SOFT SKILLS

- Excellent work ethic
- Strong communication and collaboration
- Critical thinker
- Comfortable in dynamic environments
- Eagerness to learn

EXTRA

- **Interests:** Digital art, Reading, Tennis
- American citizen and Canadian permanent resident

EDUCATION

University of Toronto, B.S., Computer Science 2018 – Present
GPA: 3.51 Expected: June 2023

Key Courses: computer graphics, image recognition, machine learning, operating systems, databases, web development

EXPERIENCE

Full-Stack Developer (Intern) at Nanoleaf May 2021 – Aug 2022

- Developed major improvements to Nanoleaf's desktop app. Positively impacted thousands of Windows and Mac customers. Improvements included: dark mode, internationalization, auto-update, and UI redesign.
- Performed independent R&D in key parts of products (not yet released).
- Maintained full stack of Nanoleaf's forum website. Site has hundreds of active users. Implemented private forum spaces for beta users and new administrative features like converting forum user bug reports into Jira tickets.
- Actively engaged in agile project development like sprint planning and team standups. Communicated with product management on status of projects and presented product demos regularly.

Research UI Designer at University of Toronto Jan – May 2020
Department of Linguistics

- Designed an online quiz web app for students to practice phonology problem sets. Also, for professors to generate questions and track students' learning.
- Collaborated with Prof. Nathan Sanders.
- Used the MERN (MongoDB, Express, React, Node) stack.

Developer (Intern) at EidoSearch Jun – Aug 2019

- Researched signal information processing algorithms for the development of EidoSearch's products. EidoSearch is a software company that offers a series of tools that can analyze trends in Big Data and make intelligent investment predictions.
- Debugged code, wrote documentation, and developed a Java web app to download daily stock and futures data from DTN IQFeed.
- Developed an app to query high frequency historical data and real-time data on US and Canadian equities.

COMPETITIONS

UofTHacks, Toronto 2020

Award: **Best Lifestyle Hack**

- Competed in UofT's invitation-only hackathon with 500 competitors.
- Developed a lifestyle social networking app for Android. Users can create and share diet recipes, design workout routines, and schedule healthy habits.

Chengdu80 Global Financial Product Design and R&D competition 2019
Chengdu, China

Award: **Best Innovator**

- Competed against 80+ programmers from top global universities.
- Developed a social networking site for researchers. Site uses machine learning to find the most relevant research papers.
- Used graphing library Cytoscape.js. Programmed in React, Node, Django.