

Rishi Jha

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EDUCATION

UNIVERSITY OF WASHINGTON BS.BA., COMPUTER SCIENCE AND MATHEMATICS

June 2022 | Seattle, WA
2018, 2019 Annual Dean's List
GPA: 3.79 / 4.0

THE OVERLAKE SCHOOL

Grad. June 2018 | Redmond, WA

LINKS

Website:// rishijha.com
Email:// rjha01@cs.uw.edu
Github:// [rjha18](https://github.com/rjha18)
LinkedIn:// [rishi-jha](https://www.linkedin.com/in/rishi-jha)

COURSEWORK

PLANNED

Deep Learning
Computer Security
Data Management
Combinatorics I & II
Probability and Statistics II & III
Distributed Systems

COMPLETED

(Teaching Assistant)
Introduction to Machine Learning
Introduction to Algorithms
Systems Programming
Real Analysis I & II
Statistics and Probability I

SKILLS

TAGS

Business Strategy • Leadership
Creative Ideation • Machine Learning
Web Design

PROGRAMMING

Java / C# • Python • C++ • Pytorch
TensorFlow • Azure DevOps • React
Redux • Express • \LaTeX

SUMMARY

Passionate computer science / mathematics student, TA, and researcher by day and driven entrepreneur by night. Always looking for opportunities to give back and grow. Experience in machine learning, web design, and organized small business chaos.

RESEARCH

CENTER FOR NEUROTECHNOLOGY | UNDERGRAD ML RESEARCHER

March 2020 – Present | Seattle, WA

Working with **Dr. Rajesh Rao** and **Dimitrios Gklezakos** to:

- Create a convolutional, manifold-learning based network to learn complex features in natural images in an unsupervised fashion.
- Develop a temporal and graphical pooling algorithm for natural images.

ICTD LAB | UNDERGRAD RESEARCHER

November 2018 - May 2019 | Seattle, WA

Worked with **Dr. Spencer Sevilla** to:

- Investigate the viability of different chat apps in poor network conditions.
- Implement a teaching solution for schoolchildren in rural Indonesia.

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEERING INTERN - DEFENDER SECURITY

June 2020 - September 2020 | Remote

- Reduced related COGS by \$100K - \$1M by creating ML model to selectively download dangerous hashes for analysis. In PPE.
- Built infrastructure for ring-based ML model deployment. In production.
- Decreased researcher rule development time by 35%, by creating VSCode extension to natively test rules. In production.

UW | UNDERGRAD / GRAD MACHINE LEARNING TA

March 2020 – June 2020 | Seattle, WA

- Designed homeworks and sections for 220 person class. In addition, held weekly office hours, monitored the discussion board, and graded assignments.

MICROSOFT | EXPLORE INTERN - OFFICE.COM FRONT END

June 2019 – August 2019 | Redmond, WA

- Designed, implemented, and released front end notes tool for the Office.com team using Typescript, Redux, and React internally.

MR. BIRD, LLC | Co-FOUNDER & DESIGNER

May 2018 – August 2018 | Bellevue, WA

- Built ExpressJS based webstore (LongLiveBird.com) and created clothing.

DEF HACKS () | Co-FOUNDER & CTO

Jan 2017 – May 2018 | WA

- Built website and evangelized code and technology via free hackathons.
- Co-founded Seattle Branch. Hosted two-hundred person, 24-hour event.

COMPETITIONS

2019 Top 4/36 UW Foster CBDC: Consulting Challenge
2017 3rd/1000+ Microsoft OneWeek Hackathon Consumer Category